

Presented to the L. H. Bailey Hortorium
by the Missouri Botanical Garden, 1972.

AUTUMN^d
CATALOGUE
1911

BULBS, PLANTS
TREES & SHRUBS.



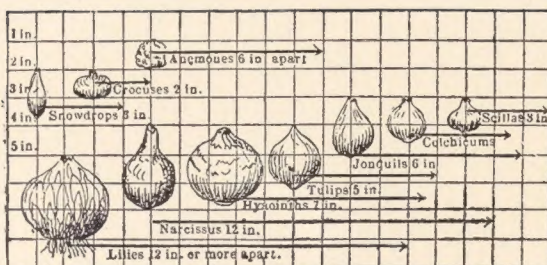
FOR 40¢ WE WILL
SEND ONE EACH OF THE
THREE GRAND HYACINTHS
HERE ILLUSTRATED POST PAID
SARAH BERNHARDT - PINK
LA GRANDESSE - PURE WHITE
MASTER PIECE - BLUE.

L. L. May & Co.
Nurserymen Florists & Seedsmen
St. Paul, Minn.

MO. BOT. GARDEN
1912

FLOWERING BULBS

For Fall Planting



Depth at
Which
Bulbs
Should be
Planted.

They are not only certain to bloom abundantly, but are the easiest cared for of all flowers. The bulbs can be potted any time from September to the middle of December, though the earlier the better. For the proper depth of planting and distance apart, follow the chart shown above. After planting, water well and place the pots or boxes in a cool, dark cellar, or similar place for four or five weeks. This treatment is to develop a strong growth of roots, which is very necessary to secure vigorous flower stalks, during this period. If the soil shows signs of dryness, it should be watered. When the shoots begin to show signs of life, bring into a light, sunny window, water frequently and give plenty of fresh air. Only moderate heat is required, avoid a high and close temperature.

Please Bear in Mind That all Bulbs offered in this catalogue must be secured and planted in the fall, they cannot be supplied in the spring.

We Deliver Free. Postage paid to any postoffice in the United States at prices quoted, except where offered "By Express," then the purchaser is to pay charges.

Our Terms Are strictly cash with the order--WE DO NOT SEND C. O. D., as the cost of collecting return charges is quite an unnecessary item of expense, and the prices being given we can conceive of no necessity to warrant being so sent.

How to Send Money. Money can be sent safely either by P. O. order, bank draft, express order or registered methods. If local checks are used they must be certified. We receive postage stamps the same as Cash, Canadian included.

We Guarantee All bulbs ordered of us shall reach the purchaser safely and in good condition. If the package is lost or any of its contents injured on the way we will send again.

Time of Shipment. Not all Fall Bulbs are ready at the same time. The majority are ready to ship by the second week in September; a few sorts, which are noted in Catalogue, do not mature until October and November. Unless otherwise instructed we will send the early bulbs as soon as ready, and the late maturing sorts when in good condition to ship.

Substitution. It sometimes occurs that our stock of some named varieties of Hyacinths or other bulbs become exhausted before the close of the season, in which case we shall take the liberty of substituting others of the same color and price; being equally as good, if not superior, to the ones ordered. Should any of our customers object to this course they will state so in their orders.



Round Bed of Single Tulips

Collection No. 1

Round Bed of Single Early Tulips

120 Tulips, (solid colors) in four varieties, our selection; this amount is sufficient for a bed 3 ft. in diameter, bulbs to be planted 5 inches apart. Price \$2.25 by express at customer's expense. One half the collection for \$1.15.

Collection No. 2

Round Bed of Double Early Tulips

120 Tulips, four named colors, our selection. The number given is enough for a bed 3 ft. in diameter, 5 in. apart. Price \$2.25 by express, at customer's expense. One-half the collection \$1.15.



Round Bed of Hyacinths

Hyacinth Collection "A"

For a Round Bed 3 Feet in Diameter

Outside row 15 blue. Second row 10 white. Center 5 red.

The 30 Bulbs for - - \$1.50

by express, purchaser's expense

Hyacinth Collection "B"

For a Round Bed 4 Feet in Diameter

Outside row 21 white
Second row 15 dark blue

Third row 9 red
Center 5 light blue

The 50 Bulbs for - - \$2.50

by express, purchaser's expense

L. L. MAY & CO., ST. PAUL, MINN.

HYACINTHS

While one of the oldest garden favorites, it is, nevertheless, a most beautiful and interesting plant, that succeeds well either in the house or garden and can be grown in water, sand, moss or any light, well-drained soil, and is sure to give satisfaction for the amount of care and labor bestowed on its cultivation. It has no rivalry among winter-blooming bulbs in variety of color, beauty and fragrance and the flowers are suitable for all decorations.

HYACINTHS IN GLASSES

Grown in glasses Hyacinths are very interesting as well as ornamental. Fill the glasses with water and place the bulb so that the water will just touch the base. Place same in a dark, cool place. As the water evaporates a little more should be added.

A small piece of charcoal placed in the water will help greatly to keep it pure. After the roots have attained a good growth bring out to the light.

NOTE--Each and dozen prices include postage.

NAMED SINGLE HYACINTHS

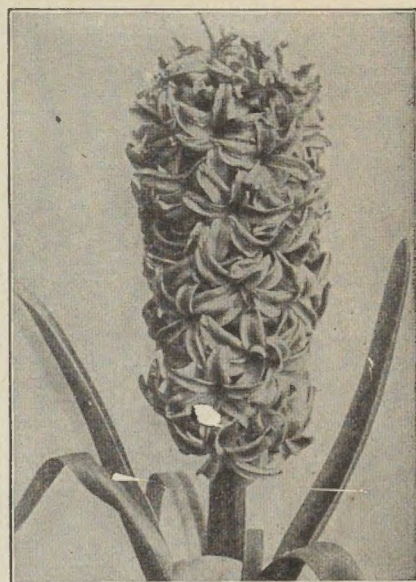
First Class Selected Bulbs

	Each	Doz.
Alba Superbissima, pure white.....	12c	\$1.25
Charles Dickens, delicate rose pink.....	12c	1.25
Czar Peter, silvery blue.....	15c	1.50
Baroness Van Thyll, pure white.....	12c	1.25
Gertrude, rosy pink.....	12c	1.25
Gigantea, one of the best blush pink.....	12c	1.25
Grande Blanche, bluish pink.....	12c	1.25
Grande Maitre, dark porcelain blue.....	12c	1.25
Grandeur A. Merveille, bluish white.....	12c	1.25
Ida, best pure yellow.....	10c	1.50
King of the Blues, dark blue.....	12c	1.25
La Grandesse, pure white.....	15c	1.50
La Peyrouse, clear porcelain blue.....	12c	1.25
Normr, light rose.....	12c	1.25
Pieneman, dark porcelain blue.....	15c	1.50
Robert Steiger, deep crimson.....	12c	1.25

SINGLE UNNAMED In Separate Colors

For Forcing or Out Door Culture

Blush, Dark Blue, Dark Red, Pure White, Light Blue, Pink, Pure Yellow, 7c each, 65c doz., postpaid; by express, 100 \$4.00.



Single Hyacinth

NAMED DOUBLE HYACINTHS

First Class Selected Bulbs

	Each	Doz.
Czar Nicholas. Delicate rose; very fine.....	15c	\$1.50
Isabella. New, Rosy white; enormous flower.....	15c	1.50
Blocksberg, light blue.....	15c	1.50
Bouquet Tendre, dark carmine red.....	12c	1.50
Goethe, light yellow.....	15c	1.50
La Tour d'Auvergne, pure white.....	15c	1.50

DOUBLE UNNAMED In Separate Colors

For Forcing or Out Door Culture

Blush, Dark Blue, Dark Red, Pure White, Light Blue, Pink, Yellow, Price 8c each or 75c per doz., postpaid, By express, \$4.25 per 100.

Hyacinth Collections See First Inside Cover Page, Also Wrapper



Miniature Dutch Hyacinths

Excellent for growing in pots, pans or boxes, blooming early and freely. They may be planted closely together in the pans, boxes or pots, or in beds in the open ground with good effects. Separate colors, white, bluish, red, blue. Each, 5c, doz., 100, \$3.00, postpaid.

Grape Hyacinths

These Hyacinths are perfectly hardy, thrive and increase in partially shaded positions in the garden, also adapted for winter flowering in the house. Blue, 15c per doz., 75c per 100; white, 20c per doz., \$1.00 per 100.

GLASSES for HYACINTHS



TALL OR BELGIAN SHAPE



SQUAT OR TYE SHAPE

Either shape in Amber, Green, Aethyst Blue, Clear or Crystal, 18c each; \$1.75 per doz.

Glasses Cannot be Sent by Mail.



Roman Hyacinths

HYACINTHS---Cont 'd

EARLY ROMAN HYACINTHS

The flowers, while smaller than those of the Dutch Hyacinth, yet are produced in much greater abundance, each bulb bearing several very graceful flower spikes. The delicious perfume, earliness and profusion of bloom have made Roman Hyacinths exceedingly popular; they are so easily grown and so early that if potted in August and September they can be brought into flower in November and December, and a succession can be had in bloom throughout the winter. Pure white, Each, 5c, doz., 50c, 100, \$3.75, postpaid.

FEATHERED HYACINTH

This very curious plant is well worthy of culture in pots as an odd and interesting flower; it is no trouble to grow. It, however, does best in the open ground, where it is entirely hardy and will become established. The flowers are borne in the form of feathery blossoms on graceful stems; color deep blue tinged with red. 3c each or 25c per doz., postpaid.

MONARCH OF THE EAST

THE GREAT
FLORAL CURIOSITY

SEE PAGE 9

For Hyacinths and Bulb Collections See Outside Wrapper

TULIPS

The people are appreciating the beauty of tulips more and more every year. There is so little trouble in bringing them to perfection, whether planted out or in pots, and are so valuable that no garden or window sill should be without them. For gorgeous colors and brilliant effects planted in beds and borders the Tulip stands unrivaled. There are no bulbs which make such a rich display of blossoms with so little care and cultivation. As with most flowers, single varieties succeed better than double when forced. For this purpose they should be planted as early as possible.

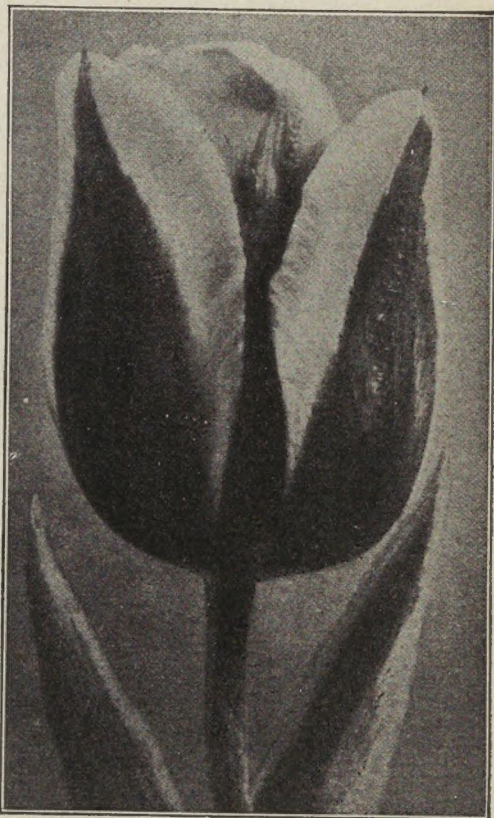
NOTE:--Single and dozen prices include postage. The hundred rate is by express at purchaser's expense.

Single Early Flowering Tulips

	Each	Doz.	100
Artus, scarlet.....	4c	35c	\$2.25
Belle Alliance, brilliant deep scarlet.....	4c	45c	3.50
Cardinal's Hat, dark red, bordered brown.....	4c	35c	2.00
Chryselora, pure golden yellow.....	4c	35c	2.25
Cottage Maid, rose and white.....	4c	35c	2.25
Cou leur Ponceau, pink and white.....	4c	35c	2.00
Crimson King, crimson.....	4c	35c	2.25
Duc Van Thol, pure white.....	4c	40c	3.00
Duchesse de Parma, red and yellow.....	4c	40c	2.50
Keizer's Kroon, deep crimson and yellow.....	4c	45c	3.00
King of the Yellows, deep golden yellow.....	4c	40c	2.50
La Reine, White rose shaded.....	4c	35c	2.25
L'Immaculee, pure white.....	4c	30c	2.00
Leonard da Vinci, red, bordered yellow.....	4c	45c	3.50
Mon Tressor.....	4c	35c	2.25
Ophir d'or, pure yellow deep.....	4c	35c	2.25
Proserpine, rosy crimson.....	6c	60c	4.50
Pottebakker Scarlet, bright scarlet.....	4c	45c	2.75
Pottebakker White, pure White.....	4c	35c	2.25
Pottebakker Yellow, pure yellow.....	4c	35c	2.25
Rosamunda, rose and white.....	4c	35c	2.25
Rose Gris de Lin, delicate rose.....	4c	40c	2.50
Rose Luisante, glowing deep rose.....	4c	45c	3.50
Joost Von Vondel, cherry red.....	4c	40c	2.75
White Hawk.....	4c	35c	2.25
Yellow Prince, fine yellow.....	4c	35c	2.25

Choice Single Tulips in Colors

	Each	Doz.	100
Single White.....	3c	30c	\$2.00
Single Pink.....	3c	30c	2.00
Single Red.....	3c	30c	2.00
Single Yellow.....	3c	30c	2.00



Keizerkroon Tulip

MIXED SINGLE EARLY FLOWERING TULIPS

First Quality from Named Sorts. Per doz. 25c postpaid; per 100, \$1.25 by express at purchasers expense.

TULIPS---Con't



Parrot Tulips

PARROT TULIPS

For the Open Ground Only

Very large flowers of singular and picturesque forms and brilliant colors, very beautiful and interesting. The petals are curiously fringed or cut. They form extravagantly showy flower beds or borders. **Mixed, each 4c, doz., 35c, 100, \$2.00, by express at purchaser's expense.**

SINGLE LATE OR SHOW TULIPS

FOR THE OPEN GROUND ONLY

It seems strange that Bizarre and Bybloom Tulips are not more commonly grown. Their large, cup-like blossoms, feathered and flaked as only a Tulip can be, are always admired more than any other. Byblooms have white light or violet grounds, flaked and feathered, rose, lilac, pink, purple, violet, scarlet, black and crimson. Bizarres have yellow grounds, flamed and blazed maroon, black, scarlet, bronze and brown. We offer a fine mixture of every imaginable color and marking.

BIZARRS Each 3c, per doz., 30c, postpaid. By express, 100, \$2.00.

BYBLOOMS Each 3c, per doz., 30c, postpaid. By express, 100, \$2.00.

DARWIN TULIPS (May Flowering)

These splendid May-flowering Tulips grow 20 to 24 inches high, with strong, stiff stems, and their flowers are massive, weather-resisting and very persistent. They are well adapted for every garden use. They embrace nearly all shades of white, lilac, rose, red and crimson, whilst a few new and very interesting types are colored mauve, heliotrope, maroon and black purple. Their centers are always clear and well defined, and in many cases a ring of white, gold or blue divides the basal from the petal coloring. **Each 4c, doz., 40c, postpaid.**

TULIP GESNERIANA

Tall growing and late blooming, with large, long leaves, and tall, erect flower stalks, which support great waxen blooms larger than teacups, of the most vivid, glossy, coral red, each flower showing a deep, blue black blotch at the base, that further enhances its beauty. They remain in bloom a long time. Clumps of this grand flower are particularly fine planted among evergreens or shrubbery. **Each 5c, doz., 50c, postpaid.**

DOUBLE TULIPS

Double Tulips are especially desirable for what is called "Carpet Bedding," owing to their short growing habit and sharp, well distinguished colors. White, red and yellow sorts, of about the same height, planted in lines of three or four rows of each color, form with their large, rose-like flowers, beds of surpassing beauty.

	Each	Doz.	100
La Candeur, pure white.....	3c	35c	\$2.00
Murillo, bluish white shaded rose.....	3c	50c	\$2.25
Duke of York, carmine, white edged.....	3c	30c	1.75
Rose Blanche, pure white.....	3c	30c	1.75
Tournesoll, red edged yellow.....	4c	40c	3.00
Yellow Rose, yellow sweet scented.....	3c	30c	2.00
Purple Crown, Dark purple red.....	3c	30c	2.00
Rex Rubrorum, splendid scarlet.....	4c	40c	2.75
Rosine, dark pink.....	4c	40c	2.75

DOUBLE TULIPS In Separate Colors

	Each	Doz.	100
Double White.....	3c	30c	\$2.00
Double Pink.....	3c	30c	2.00
Double Yellow.....	3c	30c	2.00
Double Red.....	3c	30c	2.00

MIXED DOUBLE TULIPS

Early Flowering

First Quality, make up from Named Sorts, with proper proportions of bright colors. **25c per doz., \$1.50 per 100.**

MIXED DOUBLE TULIPS

Late Flowering

A fine mixture, valuable for flowering after earlier varieties, and for planting among shrubbery and in odd corners. **Price 25c per doz., \$1.50 per 100.**

PEACOCK TULIPS

One of the finest Tulips for pot culture. It is the earliest Tulip to bloom and one of the grandest in cultivation. The flowers are very large and of a clear, transparent brilliant scarlet, with a golden band through three of its six petals and a large jet black center which is bordered with a pure golden yellow. A magnificent sort. **Each 7c, doz., 75c postpaid.**

BOUTON D'OR TULIP

Rich, buttery orange-yellow cup-shaped flowers. The anthers are black and make a striking contrast with the yellow when the flowers are expanded. **Each 4c, doz, 35c, postpaid.**

TULIP GREIGI

Tallest, showiest of Tulips, producing flowers of enormous size and of a brilliant scarlet color with blue center, foliage spotted maroon, it comes into bloom about Decoration Day, when most varieties of this flower have done blooming, two feet high, excellent for cutting. **15c each, doz. \$1.50, postpaid**



Tulip Gesneriana

Narcissus or Daffodils

No spring flower better deserves their growing popularity than these beautiful and fragrant flowers. Of easy culture; they are equally satisfactory for potting, for open beds and borders, bloom early, are very showy, and fragrant and quite hardy. They are receiving wider cultivation every year and have become great favorites with the florists and others for cut flowers during the winter months.



Types of May's Giant Crocus

CROCUS

This well known little flower is the earliest to bloom, appearing as soon as the snow is off the ground. They are suitable for all gardening purposes, for planting in beds, forming lines and borders, are quite hardy and increase from year to year, and will flower easily in the house with the same treatment as the hyacinth.

To secure a succession of blooms commence planting early in October, 6 or 8 bulbs in a pot (the named varieties are best for this purpose), using rich soil, and planting about an inch deep. They present the best appearance, however, when grown in masses in a bed.

GIANT NAMED CROCUS

	Price per. Doz.	per 100
Prince Albert, dark blue.....	15c	85c
Cloth of Gold, gold striped brown.....	15c	85c
Cloth of Silver white striped lilac.....	15c	85c
Mont Blanc, large white.....	15c	85c
Sir Walter Scott, white striped purple.....	15c	85c

Crocus prices per dozen and 100 include postage.

MIXED CROCUS

	Price per doz.	per 100	per 1000
Blue and purple shades.....	\$0.10	\$.50	\$3.50
Striped variegated sorts.....	.10	.50	3.50
White sorts.....	.10	.50	3.50
Golden yellow.....	.10	.50	3.50
All colors mixed.....	.10	.40	3.25

The 100 and 1,000 rate is by express at purchasers expense.

THE GREAT FLORAL CURIOSITY A bulb that blooms without soil or water. See Page 9.



Narcissus Poeticus, Pheasant's Eye
Single Narcissus Cup-Shaped Flowers
Poeticus Ornatis

Pure white, cup shaped, margined scarlet; very early, flowering about a month earlier than Poeticus; fine forcer.

Each 3c, doz. 25c Postpaid.

Stella. One of the first to bloom; flowers star shaped; pure white with yellow cups; large, wonderful free-blooming and one of the very best for general decoration or for cutting. 3c each, 20c doz; postpaid.

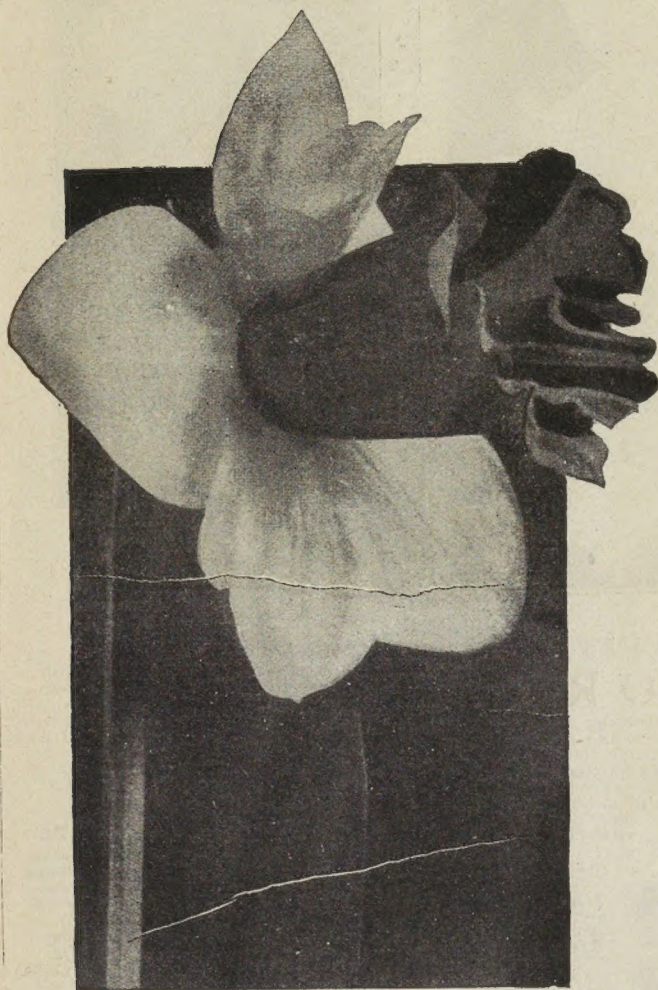


Narcissus, (Hoop Petticoat)

NARCISSUS, (Hoop Petticoat)

Grand for winter blooming. The flowers are bright, low in color, shaped like a cute bell-trumpet. 7c each, 75c doz; postpaid.

NARCISSUS SINGLE TRUMPET



Emperor One of the finest in cultivation: entire flower of richest yellow, trumpet of immense size. Each 7c, doz. 75c.

Empress "White Winged Trumpet." A two-colored variety of rare beauty. Perianth white, trumpet rich yellow. Each 6c, doz. 60c.

Trumpet Major Single Von Sion. Flower large and almost uniform, deep golden. Highly prized as an early forcing sort and largely planted for outside bedding. Each 4c, doz. 40c, per 100 \$2.25.

Princeps Very early. This is one of the most popular winter-flowering and forcing varieties grown. Flowers large, perianth sulphury; an immense rich yellow trumpet. Each 4c, doz. 40c, per 100 \$2.25.

Golden Spur Large, spreading full, deep golden yellow. A charming, richly perfumed flower and one of the very best of the Golden Trumpets. Each 5c, doz. 50c.

Horsfieldi A royal flower as to size and color, being very similar to Empress; perianth pure white; trumpet rich yellow. It comes into bloom early, and is one of the very finest for cutting. Each 5c, doz. 50c.

Bicolor Victoria Perianth creamy white, trumpet rich yellow, delicately perfumed; excellent for pots. Each 8c, doz. 85c.

Maximus A grand deep yellow-golden flower. For cutting this variety is unexcelled. Each 7c, doz. 75c.

Sir Watkin Perianth butter yellow, crown deep golden, a popular variety and one of the best. Flowers often measure 5 inches across. Each 6c, doz. 60c.

Double Daffodils

No collection of Narcissus is complete without the double flowering sorts. While not as attractive as many of the single varieties they possess a charm peculiarly their own. All perfectly hardy and are much in demand for cutting.

Double Von Sion "The true Double Yellow Daffodil" Rich golden-yellow perianth and trumpet. This is the old favorite so highly prized in the old fashioned gardens. Each 3c, doz. 35c, 100 \$2.00.

Orange Phoenix "Eggs and Bacon." Beautiful double white flowers with orange nectary. Each 4c, doz. 40c, per 100 \$2.25.

Alba Plena Odorata "The Double White Poet's Narcissus". Double snow white, gardenia like flowers late flowering. Each 3c, doz. 30c, 100 \$1.75.

Victoria Narcissus

MIXED NARCIS- SUS OR DAFFO- DILS

All sorts of double and single varieties.

We offer these at exceptionally low prices to encourage liberal plantings. Each 3c, doz. 25c, 100 \$1.50.

Single and dozen prices include postage, the 100 rate is by express at purchaser's expense.

JONQUILS

SWEET SCENTED.

A species of Narcissus, native of Spain, easily grown in house or garden, and always a favorite for its bright yellow, fragrant flowers. Very fashionable as cut flowers.

Double, yellow, sweet scented. Each 4c, doz. 40c.

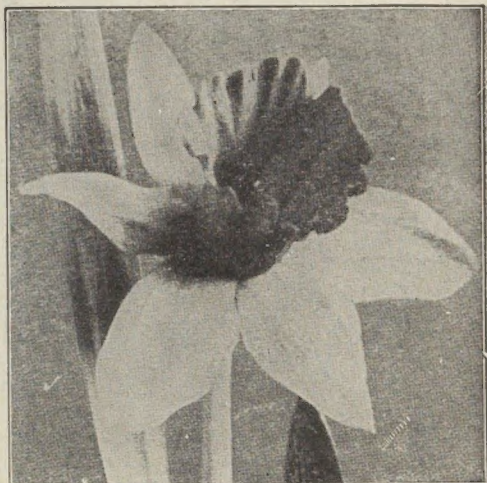
Single, yellow sweet scented. Each 3c, doz. 30c.

Campanelle, single, yellow, large flowers. Each 3c, doz. 30c.

Prices include postage.



Jonquils



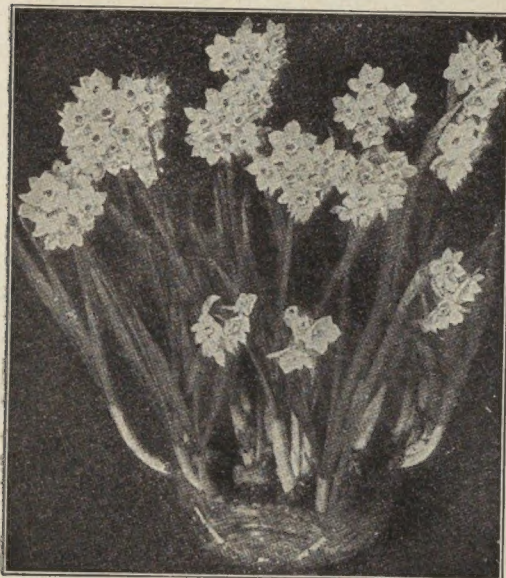
Medium Trumpet Narcissus



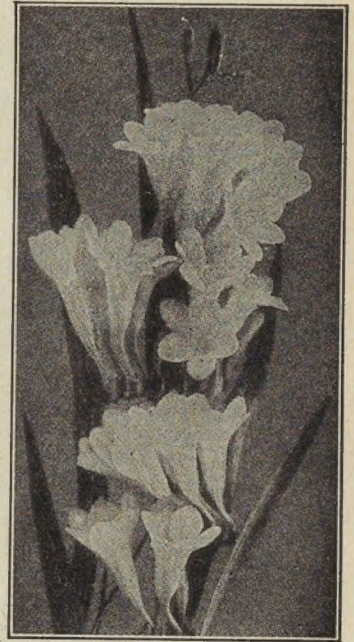
Paper White Grandiflora
**The TRUE PAPER WHITE
 GRANDIFLORA**

Or Large Flowering Polyanthus Narcissus

Will grow in water and produce great masses of snow-white fragrant flowers a few weeks after planting. Splendid for house and church decorations. We advise all our friends to plant these lovely winter-blooming Narcissus. No other bulbs we know of will produce such an abundance of white, sweet scented flowers with so little trouble. A dozen bulbs, set in a bowl of water and held in place by pebbles, will make a charming pot of flowers for house or church decoration, and can be had at any time desired. Each, 4c, doz., 40c, postpaid; by express, \$2.75 per 100.



Chinese Sacred Lily



Purity Freesia

GRAND NEW
FREESIA

PURITY

This grand new variety is a type of pure White-Freesia that surpasses in sile floriferousness and purity of color all other Freesias. They should be planted early for best results. A half dozen bulbs planted in ordinary soil in a pot or box will produce a profusion of delicious scented pure white flowers. They are of the easiest culture and are sure to grow and bloom. We offer one size only, first size bulbs. 5c each, 12 for 50c, postpaid.

FREESIA (Refractaalba)

Bear peculiar clusters of white flowers, which last a long time and have a delightful fragrance. The bulbs force very easily and will come into bloom in January and February in an ordinary greenhouse. They also grow well and bloom freely in an ordinary sitting room if placed near the window and not kept too hot. Will stand a light freezing without injury. 3 for 10c, doz., 30c. 100, \$1.60, postpaid.

THE TRUE CHINESE
SACRED LILY

This is the variety grown by the Chinamen for decorating their Temples or Joss-Houses on their New Year's Day, which occurs in February. For the most part they are grown in water in fancy bowls, with just enough pebbles around them to keep them from toppling over. They can also be grown in pots in soil, sand or moss. We annually import from China a large quantity of the finest quality bulbs, and if planted on arrival (about October 1st) they will flower by Christmas and a succession of flowers can be had by making several plantings. The white and yellow flowers are borne in clusters, and are highly scented. Large Bulbs, each 10c, doz., \$1.00, postpaid.

Nerine Sarniensis
 Guernsey Lily

A beautiful and easily grown variety of Amaryllis. The lily-like blossoms are a brilliant crimson, and in sunlight appear as if sprinkled with gold dust; decidedly one of the best winter-flowering bulbs. Each, 25c. doz., \$2.50.



LILIES

The True Bermuda Easter Lily

LILIUM HARRISII
GRANDEST WINTER FLOWERING PLANT IN CULTIVATION

IS OF THE EASIEST CULTURE,
BLOOMING IN WONDERFUL ABUNDANCE

This magnificent Lily is undoubtedly the best for winter forcing, as it comes quickly to bloom.

The flowers are delightfully fragrant, pure waxy white, of great substance, and if cut as soon as they are open, or partially open, they can be kept for two weeks.

The remarkably short time required to bring them into flower, and the certainty to produce a profusion of bloom, and also the ease with which they can be made to flower at any desired period, such as Christmas, Easter and other special occasions, render them invaluable.

The quantity of bloom produced is marvelous; the average production of bulbs 5 to 7 inches in circumference, even when forced, is from 4 to 6 flowers, and of bulbs 7 to 9 inches, 8 to 12 flowers; and, if desired, a second crop of flowers, frequently equal to the first, can be secured the same season by drying the plants off after blooming for a time and then again starting them.

Blooming plants in pots form typical Easter offerings and presents for decoration of the window, table, house or church. Nothing is more appropriately beautiful and highly appreciated.

Large bulbs, each, 15c, per doz. \$1.25.
Mammoth bulbs, each, 30c, per doz. \$3.00, postpaid.

LILIUM CANDIDUM

This is the ever popular, fragrant, snow-white, hardy garden lily, which is also known as "Annunciation Lily," and "Madonna Lily." It grows 3 to 4 feet high, and blooms in the open ground in June. When grown in Bold masses or in rows, these lilies are especially effective, the brilliancy of their snow-white flowers against surrounding greenery of shrubs, grass and trees is very telling. This lily dislikes being coddled, thriving best when it can remain undisturbed for years in good garden soil. Each, 15c, doz., \$1.60, postpaid.

Lilium Longiflorum

Very like Liliun Harrisii, and preferred by some to that variety. It does not come into bloom as early, but the flowers are of better substance and extensively used by florists for cut flowers. When grown in the open ground, it blooms in June and July. Can be planted in spring, if received too late in fall. Each, 15c, doz., \$1.60, postpaid.

LILIUM GIGANTEUM

A splendid species of gigantic growth, color, creamery white, with a purple throat. Large bulbs, each, 20c, doz., \$2.00, postpaid.

ALL the Lilies on our list, form stately beautiful plants when grown in pots.

The sorts best suited for forcing are: The Bermuda Easter Lily (Lilium Harrisii) Lilium Candidum, Lilium Longiflorum and Giganteum.



Lilium Candidum



LILIUM

AURATUM

LILIES---Cont'd

HARDY LILIES

The most desirable varieties for general cultivation. They are hardy, needing little protection, will grow and flower without special treatment.

Lilium Auratum (The Golden Banded Lily of Japan.) This is justly entitled to the name often given it, **The Queen of Lilies**. The immense blooms, measuring nearly a foot in width, when fully expanded, are produced in the greatest profusion and are deliciously fragrant. The large white petals are thickly spotted with rich chocolate-crimson, and have a golden-yellow band through the center of each. We offer the finest imported Japanese bulbs. Each, 20c, doz., \$2.00.

Lilium Album Very fragrant white flowers, pure white with a green band running through the center of each petal. Each, 25c, doz., \$2.25.

Lilium Rubrum White ground, with band and spots of rose or crimson on each petal. Each, 20c, doz., \$2.00.

Lilium Canadense Our beautiful native "Canadian Lily." Bright yellow, marked with copious spots of red. Bloom in June and July; 2 to 3 feet high. Each, 15c, doz., \$1.25.

Lilium Elegans Bicolor. Red, striped and flaked yellow, and shot with lilac. Each, 15c, doz., \$1.25.

Lilium Melpomene Flowers good size, satiny white, heavily spotted rich blood crimson. Each, 30c.

Lilium Pardalinum (Leopard Lily.) An elegant and very beautiful Lily from California, rich scarlet and yellow flowers, spotted with purplish brown. Also entirely hardy in open ground. It is one of the lilies you want. Each, 15c, doz., \$1.25.

Lilium Superbum (Turk's Cap Lily.) One of our native species. It will produce upwards of 50 beautiful orange-tipped red, spotted flowers in a pyramidal cluster, 3 to 5 ft. Blooms in July. Each, 15c, doz., \$1.25.

Lilium Tenuifolium A miniature Lily, having slender stems, 18 inches high, bearing 12 to 20 fiery-scarlet flowers. Easily grown in pots or a warm, dry border; early. Each, 15c, doz., \$1.25.

Lilium Tigrinum Splendens (Improved Tiger Lily.) The grandest of the Tigers, black polished stem, sometimes 6 feet. Large pyramids of flowers, orange red, spotted with black, 3 to 5 feet. Blooms in August. Each, 15c, doz., \$1.25.

Lilium Tigrinum Flora Plena (Double Tiger Lily.) Growing from 4 to 6 feet high, bearing an immense number of double bright orange red flowers, spotted with black. Blooms in August. Each, 15c, doz., \$1.25.

Lilium Umbellatum One of the very best classes of the hardy garden Lilies; strong sturdy habit, growing from 2 to 3 feet high, showing flowers held upright and in clusters at the summit. They are of easy culture, thriving under ordinary garden conditions, flowering in June and July. The colors range through all shades of reds from rose to blackish crimson, yellow, buff, apricot, orange, etc. Each, 15c, doz., \$1.25.

Lilium Wallacei Flower rich vermilion orange, spotted with raised maroon dots, autumn-flowering, thrifty grower. Each, 15c, doz., \$1.25.

ALL LILIES POSTPAID AT EACH AND DOZEN PRICES.

NOTE:—In fall planting, or when done flowering in the house, these lilies should be set four to five inches deep, in the open ground, where they can remain, as they are entirely hardy, if planted deep and given a light covering of leaves or garden litter before hard freezing.



Lilium Pardalinum



Double Tiger Lily

LILIES---Cont'd



CALLA LILIES

Nothing is of easier cultivation than the popular Calla. They require good rich loam, a large pot and plenty of lukewarm water. If kept in growing condition they will flower winter and summer. Our list contains all the showy varieties.

Little Gem Calla It is of dwarf habit and does not grow scraggly like the taller varieties. Snowy-white in color. 25c, postpaid.

Pearl of Stuttgart Calla A comparatively new variety of graceful habit, dwarf, compact foliage, 18 inches high and large massive flowers standing well above it. Excellent for pot-plant. Each, 25c, postpaid.

White Calla (Ethiopica, Lily of the Nile.) The easy culture, and in winter is one of our best window plants. Each, 20c, postpaid.

New Yellow Calla Flowers light clear yellow, foliage blotched white. Each, 25c, postpaid.

Spotted Leaf Calla Dark green leaves beautifully spotted with white. Flowers white with purple throat. Each 25c, postpaid.

Red Calla (Arum Cornutum.) Flowers red, spotted black; stems mottled white and green and handsome palm-like foliage. Each, 25c, postpaid.

Black Calla (Arum Sanctum.) Almost coal black and green underneath. Each, 20c, postpaid.



Trillium

LILY OF THE VALLEY

The most useful and greatly admired plant grown.

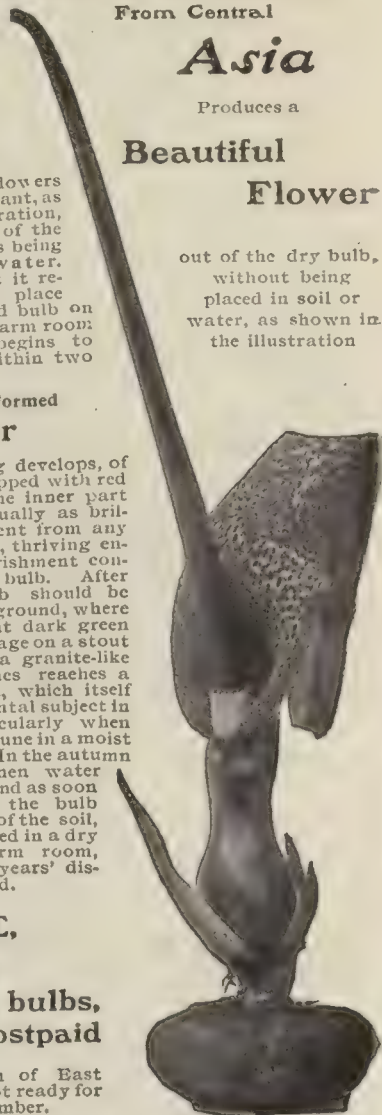
EXTRA STRONG CROWNS

The finest grade for early winter flowering. 25 crowns (bundle), 75c. 100 crowns, \$2.50, postpaid.

TRILLIUM

Grandiflorum Album
Great American Wood Lily

Most beautiful American plants, perfectly hardy, growing and flowering profusely in partially shaded nooks about the lawn, under trees, etc. Each, 7c, doz., 75c.



Sauromatum Guttatum

From Central Asia

Monarch of the East

the great
FLORAL CURIOSITY

The magnificent flowers of this remarkable plant, as shown in the illustration, actually comes out of the dry bulb, without its being placed in soil or water. The only treatment it requires is to simply place the large, flat, round bulb on a table or shelf in a warm room; and very soon it begins to show a head, and within two or three weeks a

Most Curiously Formed
Flower

16 to 20 inches long develops, of a red-brown color tipped with red and yellow, while the inner part of the flower are equally as brilliant, entirely different from any other flower known, thriving entirely upon the nourishment contained within the bulb. After flowering, the bulb should be placed in the open ground, where it throws up elegant dark green umbrella-shaped foliage on a stout stalk, spotted with a granite-like color, and sometimes reaches a height of three feet, which itself forms a fine ornamental subject in the garden, particularly when planted in May or June in a moist or sheltered place. In the autumn the leaf fades, when water should be lessened, and as soon as it has died off, the bulb should be lifted out of the soil, cleaned up, and placed in a dry condition in a warm room, when the previous years' display may be repeated.

PRICE.

Extra large,
strong bulbs.
25c each, postpaid

Note-- Monarch of East
Bulbs not ready for
shipment until December.



Lily of the Valley



IXIAS

These beautiful flowers for winter blooming have become immensely popular. For pot culture in the house they give great satisfaction. Beautiful flowers in spikes of the most dazzling colors. Finest mixed. Each, 3c, 6 for 15c, 12 for 25c, postpaid.

SPARAXIS

These require the same treatment as Ixias, in fact we could recommend growing bulbs of each in the same pot. Mixed. Each, 3c, 6 for 15c, 12 for 25c, postpaid.



Chionodoxa (Glory of the Snow)



Brodiaea or Floral Fire-Crackers

BRODIAEA

Or Floral Fire-Crackers

This striking, well-named flower is so unlike any other that it is sure to attract instant attention. As will be seen by our illustration, the blossoms are freely borne in splendid, drooping clusters on slender stems; the color is a rich, deep crimson, tipped with green and white. Pot the bulbs at any time during the fall, when they will readily grow and give the greatest satisfaction for winter blooming. Every order should contain some bulbs of this unusual novelty. Each, 5c., doz., 50c, postpaid.

ANEMONES

Highly ornamental winter, spring and summer flowering plants. They are splendid for pot culture.

DOUBLE POPPY-FLOWERED. The flowers are very

double, two or three colors usually being blended in the flowers of each variety. Mixed colors. Each, 4c. doz., 35c, 100, \$2.50.

SINGLE POPPY-FLOWERED. Large, beautiful, saucer-shaped poppy-like blossoms. Mixed colors. Each, 3c. doz., 25c, 100, \$1.50.

ST. BRIGID. Beautiful Irish Poppy-flow'd Anemones, large single, semi-double and double flowers, 3 to 5 inches across, of an endless variety of colors. Each, 5c. doz., 50c.

Single and dozen prices postpaid. The 100 rate by express at purchaser's expense.

CHIONODOXA

(Glory of the Snow)

Indeed, the handsomest of our dwarf blue spring flowers. They should be extensively naturalized in grass plots.

LUCILIAE. Bright sky-blue. Each, 3c, doz. 20c, 100, \$1.25, postpaid.



Anemones



Giant Flowered Cyclamen

CYCLAMEN

This well-known free-blooming plant is only adapted for house culture, but for winter flowering it has few superiors. Will give more flowers with less trouble than almost any other bulb we list. Dry bulbs of the Giant Flowered type, mixed. Each, 15c, 3 for 40c, 6 for 75c, postpaid.

BABIANAS

Unusually pretty and attractive flowers. Should be given the same treatment as Ixias. They are specially adapted to winter blooming. The flowers are star-shaped. Mixed. Each, 3c, doz., 25c, postpaid.

ALLIUM
NEAPOLITANUM

Like the Freesia this is one of the most beautiful of white flowering bulbous plants for the house or conservatory.

The handsome star-shaped flowers are borne in umbels on stems which grow to a height of about 15 inches. 2 for 5c, doz., 20c, per 100, \$1.25, postpaid.

OXALIS

Lovely little plants for hanging pots and baskets. If planted early, will produce flowers in December and remain so for the entire season.



Oxalis

Bermuda Buttercup. The best of all Oxalis. Flowers clear yellow and very large. Each, 5c, doz., 50c, 100, \$3.00, postpaid.

Bowllet. Large crimson flowers. Each, 5c, doz., 50c, postpaid.
Oxalis mixed. Each, 3c, doz., 25c.



Babianas



Colchicum (Autumn Flowering Crocus)

COLCHICUM

(Autumn-Flowering Crocus)

The flowers of which come through the ground without the leaves in the fall, the leaves appearing the following spring. The flowers comprise many shades of white, purple, rose, striped, etc. Each, 5c., doz., 50c., postpaid.

STAR OF BETH-
LEHEM

(Ornithogalum Arabicum)

A beautiful variety, throwing up a tall spike bearing numerous large milk-white, star-shaped flowers, with a black center, and having a distinct aromatic perfume. They are decidedly pretty and interesting when growing in the garden; but are more largely grown for greenhouse and window decoration, being of the easiest culture. Largely forced by florists now for cut flowers. Each, 5c, doz., 50c., postpaid.

SCILLA SIBERICA

This is the best Scilla for forcing indoors, coming into bloom with Roman Hyacinths. The flowers are true ultra-marine blue, and are borne on graceful spikes of six to twelve blooms each. The bulbs are hardy and may be left in the ground for several years without taking up. Each, 3c, doz., 25c., per 100, \$1.50, postpaid.



Planted in groups and left undisturbed, will come forth annually with renewed strength and beauty. Well suited for planting singly in the grass, the dainty flowers showing exquisitely against the fresh green, while the foliage is sufficiently matured to cut without injury by time the lawn is ready to be mown. In the house they will bloom by Christmas.

SINGLE SNOWDROPS.

Doz., 15c, 100, \$1.00, postpaid.

DOUBLE SNOWDROPS.

3 for 10c, doz., 35c, 100, \$2.00, postpaid.

ELWESI GIANT SNOW-
DROPS.

One of the finest of the genus; at least three times the size of the ordinary single snowdrop. Doz., 20c, 100, \$1.25, postpaid.



Scilla Siberica

Choice Plants For Winter Blooming

FOR THE HOUSE OR CONSERVATORY



Abutilon Souvenir de Bonn

Chinese Azaleas

When the flowers, which are about 2½ inches in diameter, open, the whole plant is a mass of showy bloom. The color varies from pure white to deep crimson scarlet. Small pots, each, 75c, medium, \$1.00, specimen plants \$3.00. By express, at purchaser's expense.

Select Carnations

The following list embraces the cream of the standard and well-tried varieties, together with the best of the newer introductions:

THE BEACON A splendid new red that blooms throughout a long season. Flowers are gracefully formed and will average from 2 3-4 to 3 inches in diameter, color scarlet, with a brightening dash of orange.

Boston Market A very fine flowering white.

Lady Bountiful Large pure white.

White Enchantress Pure glistening white.

Rose Pink Enchantress A pure clear pink without markings.

Winsor A clear silvery pink.

Como Large rich dark pink.

Robert Craig Extra large bright red.

Victory The finest scarlet of any carnation.

Flamingo Magnificent large scarlet flowers. Each, 30c, postpaid, by express, \$2.50 doz., purchaser's expense.

Abutilons (Flowering Maple) Most desirable free-flowering plants for the conservatory or window garden.

Each, 10c, postpaid.

Infant Eulalie Clear satiny pink
Golden Bells Golden yellow
Savitzil A striking variety
Splendens A beautiful deep red variety.
Souvenir de Bonn A distinct variety.
Thompsoni Plena Rich orange, shaded with crimson.
Eclipse A pretty trailing variety

Bougainvillea (Chinese Paper Plant)

As a pot plant it is magnificent, a strong, vigorous grower, with splendid, Camelia-like foliage, deep shining green. Plants commence to bloom in small pots and continue throughout the year. As the plant grows older it is literally covered with an amazing number of blossoms of a dazzling rosy crimson, with deep golden yellow antlers. Each, 25c, postpaid.



Begonia Metallica

Begonias (Flowering Sorts)

For pot culture in the house, they are never out of bloom. Each 10c, postpaid, except where noted.

Alba Picta Leaves narrow, green, spotted with white. Flowers white in clusters.

Diadema A variety with large, deeply cut foliage, rich olive green with silvery dots and veins.

Incarnata Dark green leaves, spotted white, flowers snowy pink.

M. De Lesseps Leaves green, richly spotted with silver. Flowers white and rosy pink.

Metallica Surface of leaf a lustrous metallic or bronze color, veined; flowers white.

Each 15c.

Sandersonii Scarlet, Each 15c.

Weltoninesis Alba Waxy white flowers.

Rosea Multiflora Rose colored flowers.

Pres. Carnot Flowers coral red.

Thurstoni Pink flowers and metallic foliage.



Chrysanthemums

CHRYSANTHEMUMS

Strong, bushy plants in bud and bloom.

Dr. Enguehart Bright Pink.

Ivory Pure White.

Mary Foster Large ivory white.

Mrs. W. B. Chamberlain Pink.

Major Bonnafon Clear Yellow.

Mrs. Jerome Jones Creamy White

Diana Pure white pompon.

Bronze Pompon variety.

Each, 30c, postpaid, by express, per doz., \$2.50. Extra fine in 6-inch pots each, 75c, by express, at purchaser's expense.

Baby Yellow Dainty foliage. Solid little flowers with curiously folded petals. 30c each, doz., \$2.50.

Pacific Supreme A seedling from Glory Pacific color, beautiful shade of pink, does not fade as it matures. 30c ea., \$2.75 dz.

Lynnwood Hall Glistening snow white of extra large size, stiff stems and excellent foliage. 30c each, doz., \$2.50.

"Glitter" A splendid yellow. Foliage good, easy to grow, very showy. Fine for exhibition purposes. 35c each, \$3.00 dz.



Bougainvillea



Geranium

GERANIUMS

For winter flowering in the house. 10c each, 3 for 25c, \$1.00 per doz., postpaid.
Alphonse Ricard. A brilliant orange-red.
Alice of Vincennes. White veined scarlet, single.
Beauty Poitevine. Rosy salmon, semi-double.
Francis Perkins. Beautiful pink, double.
Granville. Soft, clear pink, single.
John Doyle. Bright Vermillion, semi-double.
La Favorite. Snowy white, double.
La Incontable. Rose color, double.
Mars. Rose shading to white, single.
Mrs. E. G. Hill. Salmon, single.
Mrs. J. M. Garr. White, single.
Queen of the West. Scarlet, single.
S. A. Nutt. Dark crimson, double.

"Pansy" Geraniums

A very interesting and useful type of Pelargonium (Geranium.) They are excellent plants for the window garden. 20c each, postpaid.

Assorted Ivy Leaved Geraniums

We can supply a good assortment of these useful winter-flowering plants, embracing white, pink, rose, scarlet, rich red. 10c each, 3 for 25c, postpaid.



Fuchsia

FUCHSIAS

No class of plants are more graceful and elegant than Fuchsias.

10c each, 3 for 25c, postpaid

Black Prince. Bright waxy carmine, pink corolla, single.

Earl Holt. Striped red and white, single

Lord Byron. Large, single purple blossoms.

Phenomenal. Tube and sepals coral red, corolla very large of a bright violet-purple, double.

Prince Napoleon. Purple, double.
Rosains Patri. Deep scarlet tube and sepals, large white corolla, double.

Trailing Queen. A choice variety of trailing or drooping habit.

HIBISCUS, Peachblow

This flowers are large, perfectly double, of a rich shade of clear pink with a small, deep crimson center. 25c each, postpaid.



Hibiscus. Peachblow

Strobilanthes
(Porto Rico Coleus)

Strobilanthes

Grown as a pot plant in the house it is very bright and effective. 10c each, postpaid.

Heliotropes

General favorites on account of their easy culture and vanilla-like fragrance. 10c each, 3 for 25c, postpaid.

New Justicia Velutina

Pink feather-like flowers, lasting for a long time, and is never thereafter out of bloom. 20c each, postpaid.

Hydrangea, (Hortensia)

The well-known and favorite old variety, producing immense clusters of pink blossoms. 25c each, postpaid.

Ivy, English

The old time favorite. 10c each, postpaid.

Lantana, New Weeping

A fine plant of graceful drooping habit, producing flowers at each leaf. Of brilliant rosy lilac, and literally cover the whole plant. 15c each, postpaid.



Hydrangea

DECORATIVE HOUSE PLANTS



Araucaria

ARAUCARIA EXCELSA

(Norfolk Island Pine) Sometimes called the "Christmas Tree Palm" and "Star Palm." It has deep green, feathery foliage. Fine plants, each, 75c, extra fine, \$1.00 to \$1.50. By express only.

ASPARAGUS

Sprengerii One of the most rapid growing plants, making great pendulous masses of fine feathery foliage, exceedingly graceful and beautiful. Each, 25c, postpaid, large plants by express 50c to \$1.00 each.

Plumosus or Lace
Nanus Fern

The graceful dark green foliage surpasses the Maiden Hair Fern in delicacy of texture. Each 25c, postpaid, large plants by express 50c and \$1.00 each.

BEGONIA

REX Ornamental Leaved Variety. No description can do justice to the marvelous beauty of their foliage. Each, 20c, postpaid.



Asparagus Plumosus



Begonia Rex

PALMS

Kentias Give better satisfaction as a home plant than any other varieties of palm. 30c each, postpaid, large plants by express, \$1.00 to \$10.00 each.

Latania (Chinese Fan Palm) We grow them in immense quantities. Each 25c, postpaid, large plants by express, \$1.50 to \$10.00 each.

Phœnix Roebelenii

The plant is of vigorous growth, and its gracefully recurring leaves, with very narrow dark green pinnae, give the plant a lightness and airiness not surpassed, if equalled, by the popular Cocos Weddelliana, at the same time it is as hardy as a Kentia, succeeding admirably as a house plant. 30c ea., postpaid.

Phœnix Reclinata

A strong growing form of the date Palm. Each 30c postpaid.

Umbrella Palm

15c ea., postpaid, large plants by express, 25c, 50c, 75c each.



Boston Fern

FERNS

Boston It is of such easy culture and rapid growth, and is so graceful and ornamental, that it is superseding nearly all other varieties, both with the florist and amateur. Its long, graceful, drooping fronds often attain a length of five or six feet in a single year. 25c each, postpaid.

Nephrolepis Piersoni Elegantissima

This is a "sport" from the Ostrich Plum Fern, in which the plummy peculiarity of the original is even more distinctly developed. 25c each, postpaid.

Maiden Hair Our stock of these is very complete, the finest and best we have ever grown. 1st size, 25c each, postpaid; 2nd size, 75c each, by express; 3rd size, \$1.50 each, by express; extra fine specimens, \$5.00 each.

Assorted varieties for jardinières and ferneries. Strong, thrifty plants, 20c each, postpaid, or \$1.50 per dozen by express.



Kentia (Palm)



Cocos (Palm)



Brazilian
Melon
Fruit

RARE
TROPICAL
Fruits
For
Pot
Culture

BRAZILIAN MELON FRUIT

As an ornamental plant it has few equals, its splendid bushy habit, healthy growth and charming foliage giving it the preference over many of the weaker and more delicate class. It also furnishes a most desirable egg-shaped, yellowish-orange colored fruit, which hangs pendent in clusters just below the beautiful foliage. This fruit is of the most delightful flavor, having a slightly sub-acid taste, entirely different from any other fruit we are acquainted with. For eating out of the hand, slicing or making into preserves, it is simply delicious, and its lovely appearance in a dish on a table can only be equaled by the finest tropical fruits. Strong plants. Each, 25c, postpaid.



American Wonder Lemon



Best for House Culture

One of the grandest pot plants for flowering we have ever seen, and being useful as well as ornamental, should be grown by everyone. It is a very dwarf variety, and blossoms and fruits freely when only 12 or 15 inches high. The delicately scented blossoms are produced in profusion. The fruit is quite small, being only about one-half the size of the ordinary orange, but is very sweet and delicious. For pot culture it is one of the most novel and interesting plants of late introduction. It blooms freely during the entire season, and one plant will scent a whole room. The stock we offer is strong and thrifty. Each, 25c, postpaid.

Strawberry Guava

Another luscious tropical fruit and charming house plant, rivaling the famous Otaheite Orange in beauty. It is a nice, clean grower, with thick, glossy green leaves, and like the orange, it bears both flowers and fruit at the same time. The flowers are pure white and delightfully fragrant. The fruit is large, nearly the size of a walnut, and of a beautiful reddish color; the flavor is delicious, sweet and spicy, and yet rich and delicate. It is very rare and interesting. The plant begins to bloom and bear fruit while quite small. Each, 25c, postpaid.

Special Offer

One each of the four novelties offered on this page for

**90 cents
postpaid**



American Wonder Lemon

Very fine and valuable fruit for house culture. The leaves are of a deep glossy green like the Otaheite Orange, are easily kept clean and bright, rendering the plant neat and attractive at all times. In addition to this, its waxy white, fragrant blossoms, produced in clusters, followed by large showy fruit, make this plant at all times beautiful as well as useful. The fruit is very large, of fine flavor, and superior to the ordinary lemons of commerce in every particular. You will make no mistake in ordering this most beautiful plant, as it is valuable alike as an ornamental plant or a fruit producing plant.

We have grown and sold this valuable plant for several years and have never received a single complaint from a customer who purchased it. It is beyond doubt, one of the very finest plants for house culture ever introduced. Each, 25c, postpaid.



MINNEHAHA

ROSE

A grand and magnificent hardy hybrid Ever-blooming Rose of exquisite form, rich color and delicious fragrance. The flowers are very large and double, of a deep rich rose color on delicate cream ground, and have the perfume of the well-known Marhcal Niel. It is a quick and bushy grower, and a continuous bloomer, suitable for either house or garden culture. Its beauty attracts attention everywhere, and is, without doubt, one of the best of all the late introductions.

PRICES: MAIL SIZE.

Each 30c, Doz., \$3.00; by Express, 2 year old, each 50c, Doz. \$5.00.

New Rose "Annie Muller"

This freely Branching Rose attains a height of about 24 inches somewhat similar to the Red Baby Rambler. The numerous flower stalks, contain fifty to sixty flowers and buds at one time. Flowers Cerise Pink with double rows of twisted petals, center Chrome Yellow. Perfectly hardy.



Killarney

ROSES

for Winter Blooming in the House

We offer only a short list of the best Pot Roses for Winter bloom in the house or conservatory.

They are all strong re-potted plants, in best condition to bloom quickly and give plenty of lovely buds and flowers all Winter.



Meteor

Killarney The color is brilliant sparkling pink, the flowers are extra large and full, with broad, thick petals and delightful tea fragrance. 15c each, postpaid.

Betty The new ever-blooming hybrid Tea Rose, one of the finest novelties of recent introduction. A truly unique color, viz., ruddy gold (a coppery rose overspread with golden yellow). It's deliciously perfumed blooms are extremely large, full and fine form. 25c each, postpaid.

Etoile de France The gold medal rose of France. The flowers are very large and borne on good, long, stiff stems; color a lovely shade of clear, red-crimson velvet; very fragrant and keeps well. 15c each, postpaid.

Kaiserin Augusta Victoria Celebrated for its elegant, large pointed buds and large, full double flowers, which are delightfully fragrant. Color is a delicate creamy white. 10c each, postpaid.

Richmond Unquestionably one of the handsomest varieties of late introduction. A real red rose, shading to velvety scarlet or crimson as flowers mature. A strong grower and a profuse bloomer. 15c each, postpaid.

Liberty The color is a deep, glowing crimson, the petals being covered with a rich, velvety bloom. It is very fragrant, resembling the Hybrid Perpetuals in this respect. The buds are of perfect form, gradually expanding into blossoms or the largest size, which last a long time. 15c each, postpaid.

Clothilde Soupert The blossoms are large, round, flat, perfectly full and double. The color is pure white, shading to silvery rose in the center.

Pink Soupert A worth companion to the White and Yellow Soupert. As free blooming as the White Soupert, but of a deep, rich pink color.

Yellow Soupert Color, light yellow, shading to white at edge of petals. Price of Souperts, 10c each, \$1.00 per doz., one of each 25c, postpaid.

OUR NURSERY DEPARTMENT

"Most Northern in America"

**HARDY, IRONCLAD, PRODUCTIVE FRUITS,
ORNAMENTAL TREES, SHRUBS,
CLIMBING VINES, ROSES,
ETC.**

Our nurseries, situated 15 miles east of St. Paul, are the most northern in America, and admirably located in a pleasant, fertile valley, an ideal spot for growing nursery stock. The soil is a rich, deep, dry black loam, which by careful and systematic cultivation has been brought to the highest state of fertility and productiveness.

The old-time theory, that fruit cannot be grown in the Northwest, has been thoroughly exploded, and each year more and more is being produced in this section. The varieties we grow are hardy here, and being thoroughly acclimated are much more suitable for this section than trees grown farther south. Our soil and climate especially suited to growing hardy fruits, shrubs, etc., giving them that toughness of fibre and vitality of root, which enables them to withstand with equal vigor the blazing sun of the South, the dry, scorching winds of the prairie and the severe freezing of the North.

Advantages of Fall Delivery

Nursery Stock is completely dormant in the fall, and therefore can be easily and safely handled, while in the spring the weather comes off warm so early as to start the bud seriously before the customer can receive and plant. Even if the customer is not able to plant until spring, or the climate is too cold, it is wise to have the stock delivered in the fall, so that he can trench it in carefully, and seize the earliest moment in the spring to set it out, instead of losing valuable time in the spring waiting for the over-worked nurserymen and railroads to get the stock around.

Nursery stock planted in the fall gets well established in its new position and so gets an early start, and makes a large growth the first season, while stock planted in the spring loses considerable valuable time in getting established in its new quarters.

Fruit is produced the first summer when Grape Vines, Currants, Raspberries, Blackberries, Gooseberries, etc., are planted in the fall.

Rose Bushes and Shrubs set out in the fall bloom profusely the first summer.



A Field of Two Year Old Apple Trees.

Nursery Stock

planted in the fall gets the benefit of late fall and early spring rains, which is of vital importance; on the contrary, stock set in the spring frequently has to worry through a dry summer, which it is utterly unprepared to do after having been so newly transplanted. The result is that its growth is stunted.

Farmers have more time to attend to stock in the fall, and can therefore give it better care, which is very important. Much stock is lost by farmers when planted in the spring because their farm work presses so then that the stock is neglected.

Nursery Stock delivered in the fall arrives in better order, because nurserymen have more time in which to handle it; but in the spring it comes off warm so suddenly that it is time to plant before the stock can possibly be dug, packed and delivered to all the thousands of customers scattered over the country.

Prices by Mail Postpaid conditions.

Prices by Freight or Express freight office.

All Stock will be Packed in Filling Orders

Our Guarantee

Means we deliver all trees, shrubs, vines, etc., to your address by mail and it will be thrifty stock, well rooted and established and sure to grow under ordinary care and condition. All heavy packages should be sent by freight to avoid excessive charges. We reserve the right to substitute varieties considered by us of equal merit, provided we are sold out of the variety ordered. In such cases we label the variety substituted with its true name. But if customer wishes no substitution made and so states in his order we will fill order as far as possible and return money for the unfilled portion. We guarantee all our stock to be up to size and grade specified in list, and to be in a healthy living condition when it leaves our hands. This guarantee holds good only when we are notified promptly on arrival of goods, stating any errors or cause for complaint. We also guarantee stock to be true to name, with the understanding that in case it does not prove so, we will replace such stock free of charge.

WITH EVERY ORDER FOR NURSERY STOCK RECEIVED BY US, WE WILL SEND FREE OF CHARGE, ONE OF MAY'S HANDY BOOKS, SHOWING HOW TO OBTAIN SUCCESS WITH NURSERY STOCK.

APPLES



THE GUARANTEED MINNETONKA APPLE

The latest triumph of apple culture, "The Minnetonka" thrives luxuriantly and yields prolifically in the most rigorous climate where all others fail. The fruit is very large, flesh tender, crisp, sub-acid, the ideal cooking and choicest dessert apple, very small core, blight-proof. Hardy as an Oak.

Tested and tried for years; found to be the hardiest, most productive of all apples and an apple to plant in the Northwest.

WE GUARANTEE every tree of "The Minnetonka" to produce a bushel of fruit; and will replace free of charge every tree that dies before this result is obtained. CAUTION, none genuine unless bearing our seal.

Prices, 4 to 5 feet trees. Each, 75c, 3 for \$2.00, 6 for \$3.00, 12 for \$6.00, by express or freight

Mail size, one year. Each 40c, 3 for \$1.00, 6 for \$1.75, 12 for \$3.00, postpaid.

Edw. Erkel, Le Sueur, Minn., writes us as follows: "I have nothing but praise for the Minnetonka Apple, out of 9 trees purchased of you, 7 are alive and doing finely. I was obliged to thin out fruit as it was too heavy for the trees; picked 10 bushels and there was plenty of fruit left."

Perfection A Wisconsin seedling. Fruit handsomely striped and splashed crimson on pale yellow.



APPLES, Standard Varieties

PRICES, mail size. Each, 15c, 4 for 50c. EXPRESS OR FREIGHT 3 to 4 feet, 2 year. Each, 30c, doz., \$3.00, 100, \$18.00.

4 to 5 feet, 2 and 3 year. Each, 35c, doz., \$3.50, 100, \$20.00. 50 assorted trees at 100 rate.

Prices for larger sizes on application.

Anisin This is a most valuable sort from Russia. The fruit is of medium size.

Antonovka A true iron-clad tree of Russian origin, perfectly hardy.

August A Minnesota variety. The fruit is light-yellow, heavily streaked and splashed with bright red.

Berlin This kind originated from a seed of the Duchess. A very early and abundant bearer.

Charlamoff Of Russian origin. One of the hardiest and best.

Duchess The fruit is round and firm, medium to large size, streaked red and yellow.

Gideon Bears early. The fruit is juicy, has a sub-acid flavor and keeps well.

Hibernal Russian. Large, showy fruit, striped red. A fine grower.

Iowa Blush Tree a perfect iron-clad. Fruit medium size, whitish-red cheek.

Longfield Fruit medium. Yellow-green, striped with red.

Lou A Minnesota seedling of the Duchess. Fruit, greenish-yellow, striped with red.

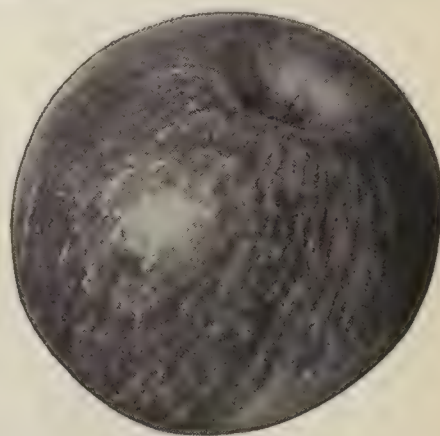
Malinda This is an exceedingly hardy variety, one of the best in the entire list.

Northwestern Greening The fruit is large, smooth and symmetrical, light yellowish-green.

October A Minnesota seedling from Crab seed, fruit very large, with clear acid flavor.

Okabena A seedling of the Wealthy, fertilized by Duchess. Fruit is medium in size.

Patten's Greening A seedling of the Duchess. Fruit is large, olive green, with an occasional red stripe.



Antonovka, 1/2 natural size

Peerless Originated in Minnesota. The fruit is large, round and well colored.

Peter A true iron-clad. Fruit, large, firm, red and of excellent flavor.

Repka Malenka A true Russian iron-clad. As hardy as the Wealthy, as prolific as the Duchess.

Wealthy This Minnesota variety has proved reliable everywhere. The fruit is medium to large and dark crimson. The flesh is white, tinged with red, crisp, sub-acid and unsurpassed in quality.

Wolf River The fruit is very large, greenish-yellow, heavily shaded with crimson.

Yellow Transparent The fruit is of medium size, slightly conical, pale-yellow, flesh tender, juicy, sub-acid.



Martha.

CRAB APPLES

ARCTIC. Fruit medium to large, acid, crisp and juicy. Fine for jelly.

DARTT. A handsome fruit, about same size as Whitney; good bearer.

EARLY STRAWBERRY. Striped red, crisp and juicy.

FLORENCE. Light-yellow, streaked with red.

GEN. GRANT. Fruit of the largest size, bright red.

HYSLOP. Fruit large, crimson, very beautiful.

LYMAN'S PROLIFIC. Large red striped; splendid for cooking.

MARTHA. A seedling of the Duchess, fruit red.

RED SIBERIAN. Fruit yellow-white, with scarlet cheek.

SYLVAN SWEET. Fruit large, pale-yellow, with rich blush. Flesh white and tender.

TRANSCENDENT. Immensely productive, bright red.

VIRGINIA. The fruit is small, round, dull red, dotted with white, fine for cider.

WHITNEY. Glossy green, striped with red.

YELLOW SIBERIAN. Fruit small, bright orange-yellow.

Price, Mail Size. Each, 15c, 6 for 75c, 12 for \$1.25, postpaid.

Express or Freight, not prepaid, 3 to 4 feet. Each, 30c, doz. \$3.00, 100, \$18.00; 4 to 5 feet high. Each, 35c, doz. \$3.50, 100, \$20.00. Price on 5 to 7 feet on application.



Rocky Mountain Cherry

Express size, 18 to 24 inches, each 20c, 3 for 50c, \$1.75 per doz.

Cherry

Rocky Mountain

One of the greatest novelties in the fruit line ever introduced. It bears every year and is prolific as a currant bush, 16 quarts having been picked from a three year old tree. Grows to a height of four feet and has never been effected by insects, black knot or other disease. The fruit is a rich red and changes to almost black when ripe, of good size, fine flavor and unsurpassed for preserves or eating from the hand; season of ripening being after all others are gone. In flavor, it is akin to the sweetest cherries, and has no equal in the line of pitted fruits. Mail size, postpaid, 15c each, 4 for 50c. Ex-



Surprise Plum

Compass Cherries

A cross between the Sand Cherry and the Miner Plum, nearly an inch in diameter, bright, red, sweet and juicy. Mail size, postpaid, 40c each, 3 for \$1.00. By express or freight, 2 to 3 feet, each, 40c, 1 doz., \$4.00, 4 to 5 feet, each, 50c, doz., \$5.00.

CHERRIES, Standard Sorts

PRICES: 3 to 4 feet, each, 30c, doz., \$3.00, 4 to 5 feet, each, 40c, doz., \$4.00, 5 to 6 feet, each, 50c, doz., \$5.00, by express only. CANNOT BE SENT BY MAIL.

EARLY RICHMOND The fruit is dark red, melting and juicy, with a sprightly acid flavor.

LUTOVKA The fruit in color and size resembles the English Morello. The flesh clings tenaciously to the stem and ripens in August, is firm, of mellow quality, with a sprightly acid flavor.

MONTMORENCY The fruit is very large and shining red. It ripens about the last of June, a week later than the Early Richmond, One of the finest varieties.

OSTHEIM The fruits are large, very dark red, tender and juicy, with a sub-acid flavor.

VLADIMIR A very hardy Russian sort, coming from a district 100 miles east of Moscow. The fruit is larger than Early Richmond, black, with highly colored juice. The flesh is firm and delicious.

WOESE A new variety brought from Siberia, exceedingly hardy, fruit of good size, dark color and ripens with Vladimir. Trees grow very short, wood with dense hard and very productive. Perfectly hardy for all northern sections.

PLUMS

New & Standard Varieties

Prices (except where noted), 4 to 5 feet, 2 year, each, 35c, doz., \$3.50, 100 for \$25.00; 5 to 7 feet, 2 year, each, 45c, doz., \$4.50, 100 for \$30.00. Express or freight only.

CHENEY An unusually good native variety, and as hardy as the oak. The fruit averages large and is of finest quality. Flesh very firm.

DESOTO The fruit is of medium size, dappled red and yellow, ripening in September and is firm, sweet and juicy. Hardy and productive.

FOREST GARDEN The fruit is very large and round, purplish red, mottled with yellow juicy, sweet and rich.

HAWKEYE The tree is hardy, thrifty and an annual bearer. Fruit large, light in color, mottled with red. It ripens in September.

MILTON Fruit is extra large, roundish oblong, dark green, the skin is thin.

STODDARD One of the largest native plums. It is a light pinkish-red in color.

SURPRISE The tree is a strong upright grower, withstanding the most severe winters without injury. Price, 4 to 5 feet, each, 40c, doz., \$4.00, 5 to 7 feet, each, 50c, doz., \$5.00.

WEAVER Originated in Iowa. Ripening in August, is large, purple. Hardy, thrifty and prolific and a constant bearer.

WYANT A very popular sort. The fruit is large, oblong, sometimes slightly flattened; a deep purplish-red and of excellent quality.

WOLF Of largest size and finest flavor. Resembles the well-known Lombard.

RASPBERRIES

CHOICE RED VARIETIES

Cardinal This berry is a surprise in the fullness of its merits, its great growth, extreme hardiness, and the exceedingly productiveness of its choice red, rich, pure flavored berries. Each, 15c, doz., \$1.00, postpaid. By express, \$32.50 per 100.

Kingston Beauty This most promising raspberry is another product of Minnesota. Its growth is of the strongest, making from 10 to 15 canes from one hill or plant, thus needs more room than ordinary varieties. Very hardy. Price same as Cardinal.

King Several of our best fruit growers consider this the best of the early raspberries. It has large and attractive bright red fruit of good flavor, ripening with the earliest and firm enough to ship nicely. Each, 12c, doz., 75c, postpaid. By express, \$2.00 per 100, \$15.00 per 1000.

Black Hills A very hardy variety, which has stood the severe test of a Northern winter at our nurseries, without any protection and surpasses nearly all other varieties in yield, length of season and flavor. The fruit is rich in color, very large and of most delicious quality. Prices same as King.



King

RASPBERRIES, Continued

STANDARD RED VARIETIES

PRICE (Except where noted) Each, 10c, doz., 50c, postpaid. By express, \$1.25 per 100, \$8.00 per 1000.

COLUMBIAN. A well known hardy variety, excellent shipper. Each, 10c, doz., \$1.00, postpaid. By express, per 100, \$2.50, per 1000, \$15.00.

CUTHBERT. A standard hardy variety, rich crimson color. **GOLDEN QUEEN.** Large golden yellow berry. Each, 10c, doz, 75c, postpaid. By express, per 100, \$1.50, per 1000, \$10.00.

HAYMAKER. A purple cap variety, for market and family use. Each, 15c, doz., \$1.00, postpaid. By express, per 100, \$3.00.

LOUDON. A seedling of Turner crossed with Cuthbert, fine. Each, 10c, doz., 75c, postpaid. By express, per 100, \$1.50, per 1,000 \$10

MARLBORO. A good, well tested early berry for the North.

MILLER'S. A thoroughly reliable variety.



Mayfield Prize.

STANDARD BLACK VARIETIES

Price, each, 10c, doz., 50c, postpaid. By express, \$1.50 per 100, \$10.00 per 1000.

GREGG. The leading late black cap and popular market sort.

KANSAS. Ripens early, jet black, strong, vigorous grower.

OHIO. Its season is medium between the early and late.

PALMER. The first to ripen, fruit good size and quality, very fine.



Cumberland.

CHOICE BLACK VARIETIES

Cumberland A valuable acquisition among black raspberries. With its superior size, it combines the equally valuable characteristics of great firmness, splendid quality and wonderful productiveness. The plants are entirely hardy, vigorous and healthful. Each, 10c, doz., \$1.00, postpaid. By express, \$2.50 per 100, \$15.00 per 1000.

Mayfield Prize This variety is perfectly hardy, withstanding our severe winters without the least damage, as well as the extreme heat of Southern states. It is extremely early, making it invaluable to fruit growers and others who want a good fruit for the early market. The berries are of good size, firm texture and great keeping qualities. Prices same as Cumberland.

Minnesota Pride It is with great pride that we offer this most excellent black raspberry. Size of fruit larger than Cumberland or Kansas, very solid and hangs well after ripening. Each, 15c, doz., \$1.00, postpaid. By express, \$5.00 per 100.

Munger The fruit is black, and resembles Gregg very much. It is a better flavored berry than Gregg, tougher in texture and therefore a better shipper. In size it excels Gregg by almost 25 per cent, being extra fine for canning and evaporating. Prices same as Cumberland.

Choicest BLACKBERRIES

Price (Except where noted) Each, 10c, doz., 60c, postpaid. By express, per 100, \$2.00, per 1000, \$15.00.

Ancient Briton A perfectly hardy variety, very vigorous and healthy. Medium size fruit of the most luscious flavor, that bear shipping well.

Eldorado A very vigorous growing, perfectly hardy variety. Fruit very large, borne in clusters which ripens very evenly, quality unsurpassed and an excellent shipper. Each, 15c, doz., 75c, postpaid. By express, per 100, \$2.50.

May's Surprise This is one of the hardest, earliest and most productive varieties. The fruit is very large, glossy black. An ideal shipping variety. Desirable for canning and preserving on account of its rich flavor, good form and its coreless nature. Each, 15c, doz., \$1.50, postpaid. By express, per 100, \$4.00.

Rathbun Fruit is of largest size, sweet and delicious, without the hard core so common in most blackberries; jet black, with small seed and firm enough to ship well. Each, 15c, doz., \$1.00, postpaid. By express, per 100, \$3.

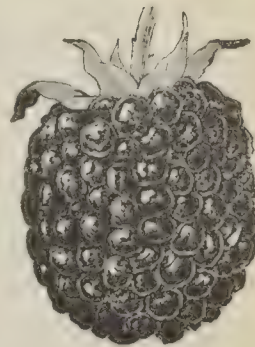
Snyder Extremely hardy, enormously productive, finest flavor, ripening early.

Stone's Hardy Originated in Wisconsin, very hardy, sweet and productive.

Ward A good shipper, no superfluous sprouts, a great yielder, no hard cores, fruit all on outside. Easily harvested. Each, 15c, doz., \$1.50, postpaid. By express per 100, \$4.00.



Ward Blackberry.



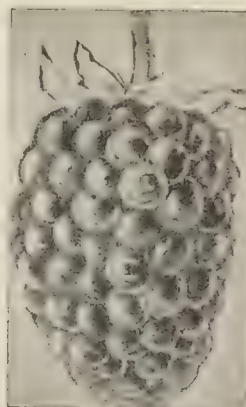
Eldorado Blackberry.



Austin Dewberry



Buffalo Berry



Logan Berry

Austin's Improved Dewberry

The berries are much larger than those of any other Dewberry or Blackberry. It requires no trellises or stakes and can easily be trained into tree form. The fruit is jet black and of superior flavor. For productiveness it outrivals all Dewberries. Each, 15c, doz., \$1.00, postpaid. By express, per 100, \$3.00.

Lucretia Dewberry The berries are of unequalled excellence, sweet and luscious, of brightest, glossy black color. Each, 10c, doz., 50c, postpaid. By express, per 100, \$2.00.

Buffalo Berry It is a handsome shrub, as well as a splendid fruit, growing to a height of from 8 to 12 feet. The fruit is borne in great bunches, resembling currants. Small size, each, 10c, 3 for 25c, postpaid. Large size, by express, each, 25c, doz., \$2.50.

New Logan Berry (Blackberry Raspberry) It originated in California, and is a true hybrid between the Raspberry and Blackberry, partaking of the nature of both in appearance and quality, but is finer and more delightful. It bears abundantly, the berries are the size of the largest blackberries, and a dark purple red in color. Ripens early before Blackberries. Price, each, 25c, doz., \$2.50, postpaid; by express, \$7.00 per 100. Plants for Spring shipment only.

Improved Dwarf Juneberry

It is a quick grower, forming dense clumps of bushes which bloom and bear heavily when only one or two feet in height. It is exceedingly sweet and has a luscious flavor. Small size, 15c each, 4 for 50c, postpaid. By express, 18 to 24 inch, 25c each, doz., \$2.50.

Gooseberries

Whinham's Tree This grows in tree form, throwing its branches straight out or upward, keeping the berries well off the ground. The fruit is very large, often measuring $1\frac{1}{2}$ to 2 inches in length, of a deep rich red color, and in quality and flavor unequalled. It is entirely free from the coarseness so often found in smaller varieties. It has been proven perfectly hardy by thorough tests in all parts of America and stands the severe winters of the north without protection. One year strong, 20c each, doz., \$2.00, postpaid. 2 year strong, each, 25c, doz., \$2.50, per 100, \$15.00, by express or freight.

Keepsake This is a new English variety, possessing unusual merit. The plants grow in tree form, are dwarf in habit, very productive, free from mildew and very hardy. The fruit is very large, straw colored, of excellent flavor and unequalled for shipping purposes. Prices same as Whinham's Tree.

Pearl A very prolific variety that has been well tested and found healthy, vigorous of growth, free from mildew and extremely productive. The fruit is pale green, large and handsome. 1 year strong, each, 15c, doz., \$1.50, postpaid, 100, \$8.00, express or freight, 2 year strong, each, 20c, doz., \$2.00, 100, \$10.00, express or freight.

Joslyn (Red Jacket) The fruit is as large as that of the Whinham, a bright shiny red, a most beautiful and attractive berry. The flavor is most delicious and commands the very best market price. Prices same as Pearl.

Downing The berry is large, hand-some, a pale green in color, of excellent quality. A favorite for home and market. The bush is a vigorous grower and free from mildew. Price same as Smith's.

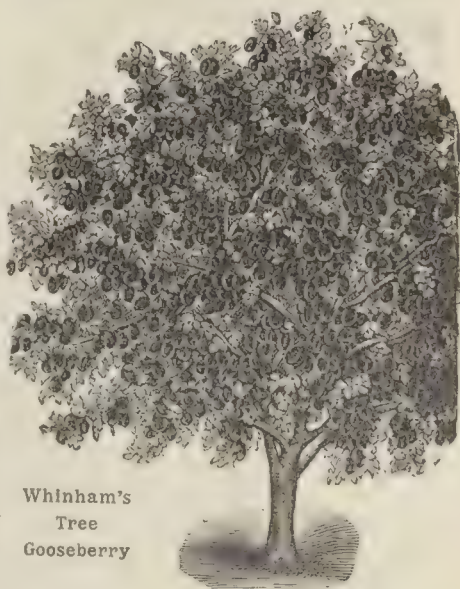
Houghton The fruit is of medium size, roundish oval, pale red, sweet and tender. The plants are of spreading habit, shoots slender and enormously productive. Price same as Smith's.

Smith's Large, pale yellow, thin-skinned, of excellent quality for desert or cooking. Bush moderately vigorous and exceedingly fruitful. Price, 1 year strong, each, 15c, doz., \$1.50, postpaid, 100, \$7.50, express or freight. 2 year strong, each, 20c, doz., \$2.00, postpaid, 100, \$10.00, express or freight.

Note: Gooseberries. 2 year, by express or freight only.



Pearl Gooseberry

Whinham's
Tree
Gooseberry



Perfection Currant

CURRANTS

FIVE
CHOICE VARIETIES

NOTE—Prices on each and dozen postpaid, at 100 rates express or freight at purchaser's expense.

May's Giant Ruby
Perfection Currant

The largest red currant in existence. 1-year, each, 15c, doz., \$1.50, 100, \$5.00; 2-year, each, 20c, doz., \$2.00, 100, \$3.00. The latest introduction, created by crossing Fay's Prolific with White Grape. 1-year, each, 25c, doz., \$2.50; 2-year, each, 30c, doz., \$3.00.

Red Cross

A new variety. Plants strong, vigorous, remarkably productive. Clusters large, often measuring four inches in length. Price same as Giant Ruby.

White Wine

This is the hardiest white sort ever introduced. Price same as Giant Ruby.

Pomona

Destined to supersede all other red currants. 1-year, each, 12c, doz., \$1.25, 100, \$4.00; 2-year, each, 15c, doz., \$1.50, 100, \$5.00.

CURRANTS, Standard Varieties

PRICES: 1-year, each, 12c, doz., \$1.25, postpaid, 100, \$4.00, express or freight. 15c, 100, \$5.00.

BLACK CHAMPION. The leading, tested, black currant. It is a vigorous grower.

CHERRY. A standard red, berries large, bunches short and compact, very vigorous.

FAY'S PROLIFIC. A leading market variety. Stems and bunches are extra large.

LEE'S PROLIFIC. A black variety, fruit large and of excellent quality.

LONG BUNCH HOLLAND. The best of late varieties. Clusters long and of large size.

NORTH STAR. A strong growing red sort. Bunches four inches long.

VICTORIA. Long, handsome clusters of large, bright red fruits.

WHITE GRAPE. The standard white; an excellent variety.

WILDER. A new red variety of great merit. One of the strongest growers and very productive.

RED DUTCH. The old well-known red variety.

STRAWBERRY RASPBERRY

Tree Strawberry

A very beautiful fruit from Japan. Bush from 18 inches to 2 feet in height, entirely hardy and impervious to heat and draught. The berries are larger than the largest strawberries, bright, shining scarlet with an exquisite bloom. Price, each, 15c, doz., \$1.50, postpaid; by express, 100, \$5.00.



Campbell's Early Grape



Strawberry Raspberry

GRAPES. Choice Hardy Varieties

Beta A cross between a cultivated sort and the native wild grape. Thrifty, productive and hardy. 1-year strong, each, 25c, doz., \$2.50, postpaid; 2-year strong, each, 50c, doz., \$5.00, express or freight.

Campbell's Early The berries are large, often an inch or more in diameter. They ripen from the 15th to the last of August. 1-year strong, each,

20c, doz., \$2.00, postpaid, 100, \$10.00, express or freight. 2-yr. strong, ea., 30c, doz., \$3.00, 100, \$15.00, express or fr't.

McPike This mammoth black grape has been exhibited in all parts of the country, creating quite a sensation. Price same as Beta.

White Diamond Valuable for all sections of the United States, as it is healthy and perfectly hardy. Prices same as Campbell's.

GENERAL LIST OF HARDY VARIETIES.

AGAWAM. 1-year strong, each, 15c, doz., \$1.50, postpaid; 2-year strong, each, 20c, doz., \$2.00, by express.

CONCORD. 2-year strong, each, 12c, doz., \$1.00, postpaid, by express 100, \$3.00; 2-year strong, each, 15c, doz., \$1.50, 100, \$5.00.

DELAWARE. Prices same as Agawam.

MOORE'S EARLY. Price same as Agawam.

NIAGARA. 1-year strong, each, 15c, doz., \$1.50, postpaid, by express, 100, \$5.00; 2-year strong, each, 20c, doz., \$2.00, 100, \$7.00.

POCKLINGTON. Price same as Niagara.

WORDEN. Price same as Niagara.



High Bush Cranberry

Imp. Russian Mulberry

An ornamental, hardy fruit bearing tree for America. Suitable for all sections of this country. Fruit larger than blackberries and of delicious flavor. The tree is a very rapid grower, and is perfectly hardy. It commences to bear when only two years old and is a very prolific bearer, has a fine aromatic flavor and sub-acid, sweet taste. A beautiful quick-growing tree for the lawn, while the fruit is valuable for table use. Mail size, each, 15c, 3 for 30c, 6 for 50c, postpaid. By express or freight, 3 to 4 feet, each, 25c, doz., \$2.50, 4 to 5 feet, each, 35c, doz., \$3.50.

High Bush Cranberry

This is a very ornamental plant, the foliage being dense and dark green. The flowers, which are pure white, hang in



Improved Russian Mulberry

large, showy clusters in early summer, which are followed by scarlet berries that remain on the plant all winter. The fruit is acid in flavor like the common cranberry and is highly esteemed for jellies, pies, etc. It is extremely hardy, thrives well everywhere, naturally forming, well shaped, bushy tops with little or no training; and is one of the most desirable lawn plants we know of. Mail size, each, 10c, 3 for 25c, postpaid. 2 to 3 feet, express or freight, each, 30c, doz., \$3.00.

Shade and Ornamental Trees

FOR WINDBREAKS AND BEAUTIFICATION OF HOME SURROUNDINGS

SPECIAL NOTE: We can supply all sizes in ornamental trees; thus those desiring trees for parks, cemeteries, etc., or in large quantities should write for special quotations.

Prices quoted are for trees on board cars at nursery and freight or express to be paid by purchaser. 6 can be had at dozen rates, 50 at 100 rates, 500 at 1000 rates.

ASH, AMERICAN WHITE. A valuable native variety of rapid growth, forming straight, clean trunks, broad, oval shaped heads. Desirable for parks- public grounds, and street planting, also for timber and forestry purposes. Prices, 4 to 6 feet, each, 30c, doz., \$3.00, 100, \$20.00; 6 to 8 feet, each, 50c, doz., \$5.00, 100, \$25.00; 8 to 10 feet, each, 60c, doz., \$6.00, 100, \$30.00.

BOX ELDER. See Maple, Ash Leaved, on opposite page.

Birch, European White. A distinct, native species of vigorous, rapid growth. Bark white, leaves triangular, tapering and pointing. Price, 4 to 5 feet, each, 40c, doz., \$4.00; 5 to 6 feet, each, 50c, doz., \$5.00; 7 to 8 feet, each, 75c, doz., \$7.50; 8 to 10 feet, each, \$1.00, doz., \$10.00; 10 to 12 feet, each, \$1.50, doz., \$15.00.

BIRCH, PAPER OR CANOE. One of the handsomest trees in cultivation and a vigorous grower. When young the bark is dull brown but changes as the tree grows older to a shining, silky white, rendering it clean looking and attractive. Price, 6 to 8 feet, each, 75c, doz., \$7.50; 8 to 10 feet, each, \$1.00, doz., \$10.00; 10 to 12 feet, each, \$1.50, doz., \$15.00.

BIRCH PURPLE. A most handsome variety, similar to the White Birch. It has purple foliage, rendering it very unique and



White Ash

beautiful. Price, 4 to 6 feet, each, 75c, doz., \$7.50; 6 to 8 feet, each, \$1.00, doz., \$10.00; 8 to 10 feet, each, \$1.50, doz., \$15.00.

CATALPA. SPECIOSA. The leaves are large, heart-shaped, beautifully ribbed. Price, 4 to 6 feet, each, 25c, doz., \$2.50, 100, \$15.00; 6 to 8 feet, each, 40c, doz., \$4.00, 100, \$20.00; 8 to 10 feet, each, 60c, doz., \$6.00, 100, \$30.00.

COTTONWOOD, Canadian Poplar. A tall, native tree, with largeshining leaves, growing 80 to 100 feet high. Price, 4 to 8 feet, each, 25c, doz., \$2.50; 6 to 8 feet, each, 35c, doz., \$3.50, 10ft., \$15.00; 8 to 10 feet, each, 50c, doz., \$5.00, 100, \$25.00; 10 to 12 feet, each, 60c, doz., \$6.00, 100, \$35.00.

ELM, AMERICAN. This is well known and thrives in any soil. Price, 4 to 6 feet, each, 35c, doz., \$3.50, 100, \$20.00; 6 to 8 feet, each, 50c, doz., \$5.00, 100, \$30.00; 8 to 10 feet, each, 60c, doz., \$6.00, 100, \$35.00. **ELM, SCOTCH.** A fine spreading tree of rapid growth. Prices same as American Elm.

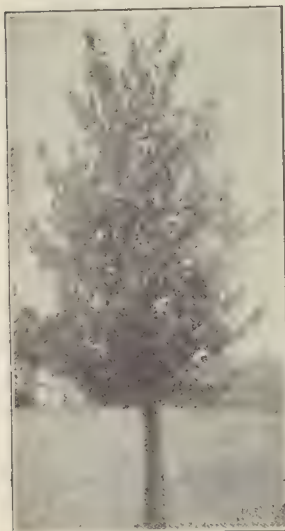
HACKBERRY. A very handsome native tree, of easy, rapid growth. Prices same as American Elm.

HORSE CHESTNUT, Ohio Buckeye. A native of the western states. Price, 2 to 3 feet, each, 25c, doz., \$2.50.



Catalpa Speciosa.

ORNAMENTAL TREES—Continued



Linden

KENTUCKY COFFEE TEA. A fine native tree of medium size. Price, 2 to 3 feet, each, 25c, doz., \$2.50; 4 to 6 feet, each, 35c, doz., \$3.50; 6 to 8 feet, each, 60c, doz., \$6.00; 8 to 10 feet, each, 75c, doz., \$7.50.

LINDEN, EUROPEAN. A handsome variety similar to the American Linden. Price, 3 to 4 feet, each, 25c, doz., \$2.50; 5 to 6 feet, each, 40c, doz., \$4.00; 6 to 8 feet, each, 50c, doz., \$5.00, 100, \$30.00; 8 to 10 feet, each, 75c, doz., \$7.50, 100, \$35.00.

LINDEN, AMERICAN. Basswood. Perfectly hardy everywhere, most vigorous in growth, with large, clean, handsome foliage, affording an abundance of shade and forming large, stately trees in a short time, few trees have more good quality to commend themselves to planting than this. Price same as European Linden.

LOCUST, BLACK OR YELLOW. A native tree of large size, rapid growth and valuable for timber as well as quite ornamental. Price, 4 to 6 feet, each, 25c, doz., \$2.50; 6 to 8 feet, each, 40c, doz., \$4.00; 8 to 10 feet, each, 50c, doz., \$5.00.

MAPLE, SCHWEDLERI. In the spring the leaves and young sprouts are purplish red, changing, as the season advances, to copper bronze, and in the autumn assuming a pure golden tint. Price, 2 to 3 feet, each, 40c, doz., \$4.00; 3 to 4 feet, each, 50c, doz., \$5.00; 4 to 6 feet, each, 60c, doz., \$6.00; 6 to 8 feet, each, \$1.00, doz., \$10.00.

MAPLE, ASH LEAF. (Manitoba) Box Elder. A durable tree for street planting; its stands transplanting well and grows rapidly, producing shade in a very short time. 4 to 6 feet, each, 25c, doz., \$2.50, 100, \$15.00; 6 to 8 feet, each, 40c, doz., \$4.00, 100, \$20.00; 8 to 10 feet, each, 50c, doz., \$5.00, 100, \$25.00; 10 to 12 feet, each, 75c, doz., \$7.50, 100, \$35.00. We have extra sizes 2 to 3½ inch calibre.

Special price given on application

MAPLE, SILVER OR SOFT. A magnificent shade and ornamental tree of rapid growth. It is perfectly hardy and will thrive in any soil. Prices same as Ash Leaf.

MAPLE, NORWAY. A tree of foreign origin, a sturdy symmetrical grower, forming a broad, spreading, rounded head. Price, 3 to 4 feet, each, 25c, doz., \$2.50; 4 to 6 feet, each, 50c, doz., \$5.00; 6 to 8 feet, each, 75c, doz., \$7.50; 8 to 10 feet, each, \$1.00, doz., \$10.00.

MAPLE, SUGAR OR ROCK. A valuable tree for sugar as well as lumber, shade and ornament. Price, 4 to 6 feet, each, 40c, doz., \$4.00; 6 to 8 feet, each, 75c, doz., \$7.50; 8 to 10 feet, each, \$1.00, doz., \$10.00.

MAPLE, WEIRS' CUT LEAF. A very beautiful silver leaf sort with delicately cut leaves and distinct, half drooping habit. Price, 4 to 6 feet, each, 40c, doz., \$4.00; 6 to 8 feet, each, 50c, doz., \$5.00; 8 to 10 feet, each, 75c, doz., \$7.50; 10 to 12 feet, each, \$1.00, doz., \$10.00.

MAPLE, TARTARIAN. Planters of the Northwest, especially, should be interested in this beautiful dwarf tree, as there is no other that is as valuable or could take its place. By pruning can be trained to any shape, resembles Japan Maple and is perfectly hardy. Price, 3 to 4 feet, each, 30c, doz., \$3.00; 4 to 5 feet, each, 50c, doz., \$5.00; 6 to 8 feet, each, 75c, doz., \$7.50.



Hackberry



Silver or Soft Maple



European Mountain Ash

MOUNTAIN ASH, EUROPEAN. A handsome variety of compact and even growth. The stem is very smooth, and the head round and compact, covered in spring with snowy-white blossoms, and in late fall and winter with clusters of red berries. An excellent tree for lawn. Price, 4 to 5 feet, each, 30c, doz., \$3.00; 6 to 8 feet, each, 50c, doz., \$5.00; 8 to 10 feet, each, 75c, doz., \$7.50; 10 to 12 feet, each, \$1.00, doz., \$10.00.

MOUNTAIN ASH, OAK LEAF. A native tree of fine graceful habit, perfect hardiness and great beauty. The white flowers in spring are very pretty. Prices same as European Ash.

MOUNTAIN ASH, OAK LEAF. A handsome tree of erect, compact growth, forming heads from 20 to 30 feet in breadth and the same in height. The foliage is very deeply lobed, resembling the oak. Price, 3 to 4 feet, each, 35c, doz., \$3.50, 5 to 6 feet, each, 50c, doz., \$5.00; 6 to 8 feet, each, 75c, doz., \$7.50.



Weirs' Cut Leaf Maple

ORNAMENTAL TREES, Continued

Poplar, Carolina The largest, most symmetrical, and best poplar for general planting. A most rapid, vigorous grower, pyramidal in form with large, glossy leaves. Not effected by sewer gas, smoke, ashes or salt water. We recommend it for park planting. 4 to 6 feet, each, 25c. doz., \$2.50; 6 to 8 feet, each, 35c. doz., \$3.50; 8 to 10 feet, each, 50c. doz., \$5.00; 10 to 12 feet, each, 60c. doz., \$6.00; 100, \$30.00.

Poplar, Golden Prices same as Carolina.

Poplar, Lombardy Prices same as Carolina.

Poplar, Norway A very vigorous and desirable form of the cottonwood that comes to us from Europe. 3 to 4 feet, each, 20c. doz., \$2.00; 4 to 6 feet, each, 30c. doz., \$3.00; 6 to 8 feet, each, 40c. doz., \$4.00; 8 to 10 feet, each, 50c. doz., \$5.00; 10 to 12 feet, each, 75c. doz., \$7.50; 100, \$40.00.

Poplar, Balsam (Balm of Gilead) A handsome native, with thick, dark, ovate leaves, silvery beneath. The spicy gum of the bulbs is used medicinally. 4 to 6 feet, each, 30c. doz., \$3.00; 6 to 8 feet, each, 50c. doz., \$5.00; 8 to 10 feet, each, 60c. doz., \$6.00.

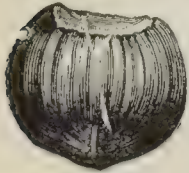
Poplar, Silver Prices same as Balsam.

Sumac, Staghorn A densely hairy species. Fall color of foliage is most brilliant. A good grower in light, dry soils. 3 to 4 feet, each, 25c. doz., \$2.50.

Willow, Laurel Leaf The leaves are broad, dark, green, very glossy. 4 to 6 feet, 25c. doz., \$2.50; 6 to 8 feet, each, 40c. doz., \$4.00; 8 to 10 feet, each, 50c. doz., \$5.00; 10 to 12 feet, each, 75c. doz., \$7.50.

Willow, Golden Prices same as Laurel Leaf.

Willow, Petzoldi Prices same as Laurel Leaf.



NUT-BEARING TREES

FILBERTS OR HAZELNUTS. Of dwarf habit, hardy, yielding abundantly. Mail size, each, 15c, 3 for 35c, postpaid; by express, 2 to 3 feet, each, 35c, 3 for 90c.

WALNUT, BLACK. A well-known winter variety, a beautiful shade tree. 15c each, 3 for 40c, postpaid; 5 to 6 feet, each, 50c, doz., \$5.00; 6 to 8 feet, each, 60c, doz., \$6.00.

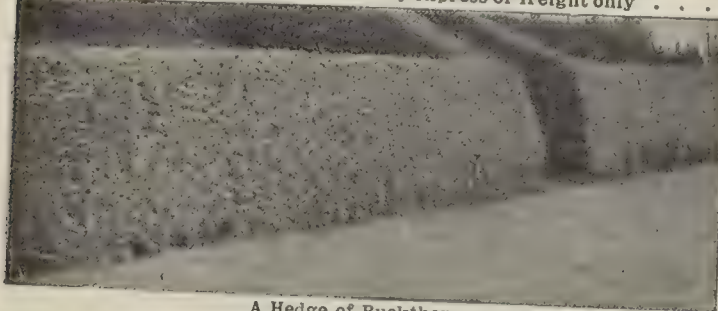
BUTTERNUT, OR WHITE WALNUT. The tree is lofty and spreading in growth. Prices same as Walnut.

EVERGREENS we do not recommend for fall planting.

WEeping TREES

BIRCH, CUT LEAF. This is one of the most beautiful and desirable trees for the lawn ever introduced. It makes a rapid growth and is perfectly hardy in all sections of the country. 4 to 5 feet, each, 60c. doz., \$6.00; 5 to 6 feet, each, 75c. doz., \$7.50; 6 to 7 feet, each, \$1.00, doz., \$10.00; 7 to 8 feet, each, \$1.25, doz., \$12.50.

Hardy Hedge Plants At prices named for Hedge Plants, by express or freight only



A Hedge of Buckthorn.

HONEYSUCKLE TARTARIAN. This is the popular old time variety often used for hedging. 18 to 24 in., 100, \$15.00; 2 to 3 feet, 100, \$20.00; 3 to 4 feet, 100, \$25.00.

HONEY LOCUST Considered best in many sections of the North. 1 year strong, 100, \$3.00; 2 year strong, 100, \$5.00.

PRIVET, CALIFORNIA. Makes a very rapid growth, has shining, dark green leaves. 18 to 24 in., 100, \$4.00; 2 to 3 feet, 100, \$5.00.

ROSA RUGOSA. Japanese Rose, perfectly hardy. Makes a splendid hedge. 4 to 5 feet, covered with large, dark green, glossy foliage, crowned with terminal clusters 10 to 20 flowers; each 3 inches in diameter. 2 year strong, per 100, \$20.00.

RUSSIAN OLIVE. A native of the Northwestern plains. Perfectly hardy. 1 year strong, per 100, \$3.00; 2 year strong, per 100, \$5.00.



Cut Leaf Birch

each, \$1.25, doz., \$12.50.

ELM, CAMPERDOWN. A very graceful tree for lawn planting or covering arbors. The foliage is large, luxuriant, dark green, and the tree has the umbrella form so desirable. 6 feet, 1 year head, each, 75c. doz., \$7.50; 6 feet, 2 year head, each, \$1.25, doz., \$12.00.

MOUNTAIN ASH, WEEPING. A beautiful tree of hardy, vigorous growth, with straggling, pendent branches, turning and twisting in all directions, in a few years forming an immense head with branches resting on the ground, and producing a very pleasant effect. 6 to 7 feet, 1 year head, each, 75c. doz., \$7.50.

MULBERRY. (Tea's Weeping Russian.) One of the most graceful and beautiful of the hardy, weeping tree and wholly unique, having a perfect umbrella-shaped head and slender willow branches. The foliage is glossy green and with delicacy of form and motion it combines Russian health and vigor. Price, 5 to 6 feet, 1 year head, each, \$1.00, doz., \$10.00; 6 to 8 feet, 2 year head, each, \$1.25, doz., \$12.00.

WILLOW, GOLDEN WEEPING. One of the showiest trees for winter effects. The bark is a golden color, becoming more intense as the leaves disappear and remaining so throughout the winter. The branches are of graceful drooping habit. Price, 4 to 6 feet, each, 35c. doz., \$3.50; 6 to 8 feet, each, 50c. doz., \$5.00; 8 to 10 feet, each, 60c. doz., \$6.00.

Barberry Thunbergii. A beautiful plant, well adapted for wherever a showy, hardy hedge is desired. 12 to 15 in., doz., \$1.50, 100, \$3.00; 15 to 18 in., doz., \$2.00, 100, \$10.00; 18 to 24 in., doz., \$2.50, 100, \$15.00.

BUCKHORN. The best and hardiest for the Northwest. 12 to 15 in., 100, \$5.00; 18 to 24 in., 100, \$7.50; 2 to 3 feet, 100, \$10.00; 3 to 4 feet, 100, \$15.00.

CARRAGANA ARBORESCENS, (Siberian Pea Tree.) A hardy variety from Russia. 1 year strong, doz., \$1.50, 100, \$5.00; 2 year strong, doz., \$2.50, 100, \$10.00.

CORNUS SIBERICA, (Red Branched Dogwood. Used exclusively in the Northwest. 12 to 18 in., 100, \$8.00; 18 to 24 in., 100, \$12.00; 2 to 3 feet, 100, \$20.00; 3 to 4 feet, 100, \$25.00.

HARDY FLOWERING SHRUBS

Currant

* Red or Yellow. Beautiful gold and crimson blossoms in pendant clusters in May. 2 to 3 feet. Each, 30c.

Deutzias

Crenata. Very large, double, pure white. Each, 10c, 3, 25c, postpaid. 18 to 24 inch. Each, 25c. 2 to 3 feet. Each, 30c.

Double Rose. Tinged with delicate pink, large. Each, 10c, 3, 25c, postpaid. 18 to 24 inch, 25c. 2 to 3 feet. Each, 30c.

Gracilis. Single white flowers. Each, 10c, 3, 25c, postpaid. 18 to 24 inch. Each, 25c.

Pride of Rochester. Large double white flowers; the back of the petals slightly tinted with rose. 18 to 24 inch. Each, 25c. 2 to 3 feet. Each, 30c.

Elders

Golden. (*Sambucus Aurea*) blossoms in July. Each, 10c, 3, 25c, postpaid. 18 to 24 inch. Each, 25c. 2 to 3 feet. Each, 30c.

Cut Leaved. Finest in cultivation. 18 to 24 inch. Each, 25c. 2 to 3 feet, 35c. 3 to 4 feet, 50c, by express only.

Euonymus

American. (*Burning Bush*.) Attractive deep purple flowers, broad foliage and brilliant scarlet fruit. 18 to 24 inch. Each, 25c.

Euonymus. (*Europaeus*.) Scarlet seed-pods, orange-colored berries hang on slender threads. 18 to 24 inch. Each, 25c.

Forsythia Suspensa

Producing masses of yellow, drooping flowers before any other tree or shrub shows a leaf. Each, 10c, 3, 25c, postpaid. 18 to 24 inch. Each, 25c. 2 to 3 feet, 30c, 3 to 4 feet, 50c.

Fringe (Smoke Tree)

Purple. Curious, hair-like flowers of a purplish-brown color. 2 to 3 feet. Each, 25c. 3 to 4 feet, 50c, by express only.

White. Fringed white flowers, very fragrant. 12 to 18 inch. Each, 25c, by express only.

Honeysuckle

Red Tartarian. Absolutely hardy, never winter kills or effected by insects. Each, 10c. 3 for 25c, postpaid. 18 to 24 inch. Each, 25c. 2 to 3 feet, 35c, 3 to 4 feet, 50c.

White Tartarian. Identical with the Red Tartarian, except in color, the flowers being pure white. Each, 10c, 3, 25c, postpaid. 18 to 24 inch, 25c. 2 to 3 feet, 35c, 3 to 4 feet, 50c.

Pink Tartarian. Same as Red, except color of blossoms. Prices same as Red Tartarian.

Kerria, Japonica (Globe Flower)

Double, yellow, globe-shaped, flower from early summer till autumn. Each, 10c, 3, 25c, postpaid. 18 to 24 inch. Each, 25c. 2 to 3 feet. Each, 30c.

Lilac

Purple or White. Each, 10c, 3, 25c, postpaid. 18 to 24 inch, each, 25c. 2 to 3 feet, each, 30c; 3 to 4 feet, each, 40c.

Belle de Nancy. 18 to 24 inch. Each, 35c. 2 to 3 feet, strong budded. Each, 50c, by express only.

Charles X. 18 to 24 inch. Each, 35c. 2 to 3 feet, strong budded, each, 50c, 3 to 4 feet, 60c, by express only.

Josikea. 18 to 24 inch, 25c. 2 to 3 feet, 35c, by express only.

Giant Tree. 18 to 24 inch. Each, 30c. 2 to 3 feet, strong, each, 40c, 3 to 4 feet, 50c, 4 to 5 feet, 60c, by express only.

Snowball

Each, 10c, 3, 25c, postpaid, 18 to 24 inch, each, 25c, 2 to 3 feet, 30c, 3 to 4 feet, 40c.

Syringa

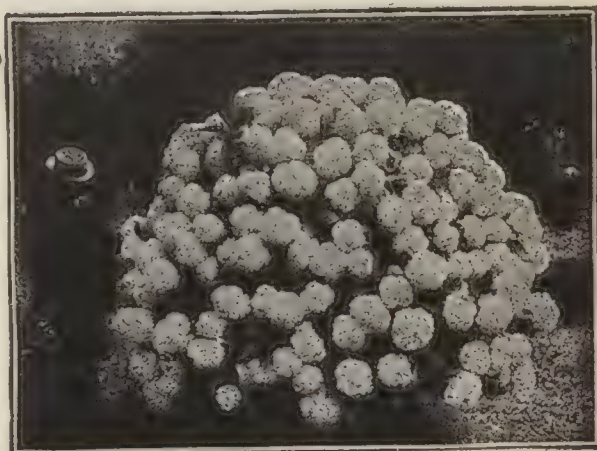
Coronarius. White, sweet-scented flowers the last of May. 10c, postpaid, by express, 18 to 24 inch, 25c, 2 to 3 feet, 30c, 3 to 4 feet, 40c.

Golden. Bright golden leaves. Each, 10c, 3, 25c, postpaid, by express, 18 to 24 inch, each, 25c, 2 to 3 feet, each, 35c.

Hydrangea

Paniculata Grandiflora. Large white panicles of flowers, changing to pink at the base. Each, 10c, 3, 25c, postpaid. 18 to 24 inch, each, 25c. 2 to 3 feet, 35c, extra selected, 50c.

Tree Hydrangea. Same as *Hydrangea Grandiflora*, except grown in the tree form and is very attractive for lawn decoration. By express only, 3 to 4 feet, 50c, 4 to 5 feet, 75c.



Hydrangea Paniculata Grandiflora

Spireas

Anthony Waterer. Carmine-crimson flowers. One of the most useful shrubs in cultivation. 10c, 3, 25c, postpaid, by express, 12 to 18 inches, each, 25c, 18 to 24 inches, each, 30c.

Billardii. Handsome spikes of pink blossoms. Each, 10c, 3, 25c, postpaid, by express, 2 to 3 feet, each, 25c, 3 to 4 feet, each, 35c.

Van Houttei. Flowers pure white in clusters. Each, 10c, 3, 25c, postpaid, by express, 18 to 24 inch, each, 25c, 2 to 3 feet, each, 30c, 3 to 4 feet, each, 40c.

Reevesi. Attractive foliage and beautiful clusters of pure white flowers. Each, 15c, 2, 25c, postpaid, by express, 18 to 24 inch, each, 25c. 2 to 3 feet, each, 30c.

Snowberry

White. Each, 10c, 3, 25c, postpaid, 2 to 3 feet, each, 30c. **Red.** Similar to white. Price same as white.

Sumac

Cut-leaved. A beautiful low variety, vigorous grower, with leaves of very large size, deeply cut and drooping gracefully from the branches. 18 to 24 inch. Each, 35c, doz., \$3.50, 2 to 3 feet, 50c, doz., \$5.00, 3 to 4 feet, 60c, doz., \$6.00. By express only.

Weigelias

Eva Rathke. The finest *Weigelia* in cultivation. Each, 15c, 2, 25c, postpaid, by express, 15 to 18 inch, 25c, 18 to 24 inch, each, 30c, 2 to 3 feet, each, 35c.

Rosea. Rose colored flowers. Each, 15c, 2, 25c, postpaid, by express, 3 to 3 feet, each, 30c, 3 to 4 feet, each, 40c.

Hardy Climbing Vines

Ampelopsis

Quinquifolia. (*Virginia Creeper*.) A well-known, hardy, native climber. Each, 10c, 3, 25c, postpaid, by express, 2-year strong, each, 25c, 3-year strong, each, 30c.

Englemanni (*Engleman's Ivy*.) The hardiest and best climber for the Northwest, for stone and brick work, each, 15c, 2, 25c, postpaid, by express, 2-year strong, each, 30c, 3-year strong, each, 35c.

Veitchii (*Japan or Boston Ivy*.) A rapid grower, with small, purplish-green leaves. Each, 15c, 2, 25c, postpaid, by express, 2 years strong, each, 25c, 3 years strong, each, 35c.

Bignonia Radicans

(Trumpet Flower.)

An excellent vine, with handsome lance-shaped leaves. The flowers are orange and scarlet. Each, 15c, 2, 25c, postpaid, by express, 2-year strong, each, 30c, 3-year strong, each, 40c.

Celastrus Scandens

(Bitter Sweet.)

A very hardy native twining vine with yellow flowers. Each, 10c, 3, 25c, postpaid, by express, strong, each, 25c.

HARDY CLIMBING VINES—Cont.

Clematis



Clematis, Jackmanni

Paniculata. Hardy in all parts of the United States, 1-year, each, 15c, 3, 40c, postpaid; by express, 2-year strong, each, 25c, 3-year strong each, 35c.

Jackmanni. Color a deep violet purple. 1-year strong, 30c, 2, 50c, postpaid; by express, 2-year strong, each, 50c, 3-year strong, each, 75c.

Henryi. Creamy white; large and of a fine shape. 1-year strong, each, 30c, 2, 50c, postpaid; by express, 2-year strong, each, 50c, 3-year strong, each, 75c.

Madame Edouard Andre. Color a distinct crimson red. 1-year strong, each, 30c, 2, 50c, postpaid; by express, 2-year strong, each, 50c, 3-year strong, each, 75c.

Virginiana (American White Clematis.) A remarkably rapid climbing plant. Each, 15c, 2, 25c, postpaid; by express, 2-year strong, each, 30c, 3-year strong, each, 50c.

Dutchman's Pipe

A magnificently hardy vine of rapid growth, with very large heart-shaped leaves and brownish flowers, resembling in shape a miniature pipe. 3-year strong, each, 60c.

Honeysuckle

Hall's Japan. Pure white and creamy yellow. Each, 15c, 2, 25c, postpaid; by express, 2-year strong, each, 35c.

Scarlet Trumpet. Most brilliant variety of all honeysuckles. Each, 15c, 2, 25c, postpaid; by express, 2-year strong, 35c.

Matrimony Vine

Bright purple flowers, succeeded by brilliant scarlet berries. Each, 15c, 2, 25c, postpaid; by express, 3-year strong, 25c.

Wistaria

Purple. Large clusters of purple flowers. 1-year strong, each, 25c, postpaid; by express, 2-year strong, each, 35c.
White. Clusters of pure white flowers. 1-year strong, each, 25c, postpaid; by express, 2-year strong, each, 50c.

PAEONIES

FALL IS THE BEST TIME TO
TRANSPLANT THE ROOTS

SPECIAL NOTE—Single plants mailed free, dozen by express at purchaser's expense.

Achillea. Fine large bloom. Flesh colored pink, with an occasional creamy spot. Each, 30c.

Agnes Mary Kelway. Guard petals of light rose, yellow petaloids, with rose tuft, each, 75c.

Canary. Large cream, yellow. Each, 30c.

Camille Calot. Pinkish white. Each, 75c.

Cynthia. Large flowering white. Each, 50c.

Delicatissima. Delicate pink, shading light at center. Each, 30c.

Dorchester. Salmon flesh color, free bloomer. Each, \$1.00.

Duchess of Wellington. Sulphur-white, very fragrant. Each, 75c.

Louis Van Houtti. Fine bright violaceous red. Each, 50c.

L'esperance. White, washed with soft pink. Each, 25c.

Magnifica. Soft rose, sulphur edged carmine. Each, 50c.

Jeanne d'Arc. Soft rose stained carmine. Each, 50c.

Marie Lemoine. Sulphur-white shaded pink. Each, \$1.00.

Mont Blanc. Sulphur-white, extra fine. Each, 75c.

Pottsi. Brilliant crimson. One of the best. Each, 25c.

Victoria Tricolor. Rose, mottled pink. Each, 35c.

Queen Victoria. Flesh white, red blotches. Each, 40c.

Emily Lemoine. Very rich red. Each, \$1.00.

Festiva. White, much like Festiva Maxima, but later. Each, 40c.

Festiva Maxima. Color snowy white. Each, 60c.

Fragrans. Very late, dark red. Each, 25c.

Golden Harvest. Striped crimson. Each, 50c.

Grandiflora Alba. Resembles Festiva Maxima. Each, 25c.

Grandiflora Rosea. Clear even pink. Each, 25c.

Humea. Light pink. Each, 25c.

Lady Beresford. Tipped carmine soft blush-pink. Each, \$1.50.

Lady Bramwell. Silvery pink; shaded lilac crimson center. Each, 40c.

Reine Victoria. Guards flesh; center yellow spotted carmine. Each, 40c.

Rubra Superba (Richardson.) Brilliant deep crimson. Each, 75c.

The Bride. Snow-white, tinged flesh. Each, 50c.

Modele de Perfection. Flesh pink. Each, 75c.

Officinalis Rubra. Deep crimson. Ea. 40c.

Purpurea Superba. Early dark red. Each, 50c.

Rubra Triumphants. Rich crimson. Each, 30c.

NOTE—We have a fine selection of Paeonies that became mixed some of the most expensive sorts, we will sell at each, 25c, doz., \$2.50, 100, \$15.00. Order these as mixed, we cannot tell colors.



Festiva Maxima Pacony

M. P. Langer. Vivid red color.

Miss Lingard. A grand free-flowering, pure white.

Ornament. Rosy magenta with crimson eye. Dwarf.

Pantheon. Salmon rose.

HARDY PHLOXES

Beranger. White suffused with pink, rose-lilac eyes.

Caran Doche. Rosy carmine.

Champs Elysee. Fine rich purple crimson.

Coquelicot. Pure scarlet, deep carmine eye.

Jeanne D'Arc. Pure white. Late flowering.

J. H. Slocum. Salmon pink, maroon eye.

La Vogue. Rosy pink with red eye.

Lothair. Richest crimson.

Minnesota Beauty. Lilac shade.

Eclairure. Purplish crimson with white halo.

Richard Wallace. Violet, edged white.

The Queen. A standard. Pure snow white.

Prices: Named varieties, each, 15c, doz. \$1.50. Mixed, each, 12c, doz., \$1.00, postpaid.

GERMAN IRIS (Germanica)



German Iris

Black Prince. Deep, rich, velvety royal purple. Each, 30c, doz., \$3.00.
 Darius. Lemmon yellow, purple edges. Each, 35c, doz., \$3.50.
 Donna Marie. White, lower petals shaded lilac. Each, 15c, doz., \$1.50.
 Fairy. Ivory white with pale violet veining. Each, 35c, doz., \$3.50.
 Florentia. Pure white, sweet scented. Each, 15c, doz., \$1.50.
 Gladstone. White reticulated deep purple. Each, 25c, doz., \$2.50.
 Lord Saulsbury. Purple and bronze. Each, 15c, doz., \$1.50.
 Madame Chereau. White frilled with violet. Each, 30c, doz., \$3.00.
 Orthelo. Intense purplish blue. Each, 15c, doz., \$1.50.
 Penelope. White, tinted lavender. Each, 15c, doz., \$1.50.
 Sons Souci. Crimson brown. Each, 20c, doz., \$2.00.
 Queen of May. Bright violet, shaded heliotrope. Each, 25c, doz., \$2.50.
 Sir Walter Scott. Bronzy yellow and deep carmine. Each, 25c, doz., \$2.50.
 Mixed. All colors. Each, 10c, doz., \$1.00.
 At single prices we send postpaid; dozen prices by express at purchaser's expense.

IRIS, SIBIRICA

Alba. White. Each, 15c, postpaid; by express, doz., \$1.50.
 Atrosanguinea. Blue. Each, 15c, postpaid; by express, doz., \$1.50.

JAPANESE (Iris Kaempferi)

Choice Mixed. Blue. Each, 20c, postpaid; by express, doz., \$2.00.

HARDY HYBRID PERPETUAL ROSES

MEMORIAL (Evergreen Roses) (Rosa Wichuriana)

MANDA'S TRIUMPH. White flowers.
 SOUTH ORANGE PERFECTION. Pink.
 UNIVERSAL FAVORITE. Rose color.
 WICHURIANA. Single, pure white.
 Two-year old plants, 40c each, postpaid; by express, \$3.00 doz.

CLIMBING ROSES

BALTIMORE BELL. Pale blush.
 EMPRESS OF CHINA. The apple blossom rose.
 PRAIRIE QUEEN. Bright rosy red.
 SEVEN SISTERS. Crimson to white.
 Mail size, 10c each, postpaid; field grown, 30c each.
 \$2.50 doz., by express at purchaser's expense.

MOSS ROSES

ASHBOURNE PRIZE. The flowers are a rich, deep velvety red, highly perfumed.
 BLANCH MOREAU. Creamy white, tinged rose.
 PRINCESS ADELAIDE. Silvery rose.
 PRINCESS MAY. Free flowering white.
 Two-year old plants, 40c each, postpaid; by express, \$3.00 doz.

HYBRID SWEET BRIAR ROSES

LADY PENZANCE. Beautiful copper tint.
 LORD PENZANCE. Soft fawn shade.
 ROSE BRADWARDINE. Beautiful rose.
 Two-year old plants, 35c each, postpaid; by express, \$3.00 doz.

THE RAMBLER ROSES

CRIMSON RAMBLER. Scarlet.
 WHITE RAMBLER. Pure pearl white.
 MAIL size, each, 15c or 4 for 50c, postpaid; two-year field grown, each, 35c, doz., \$3.00, by express, purchaser's expense.

DOROTHY PERKINS

Grows 10 to 15 feet in a season. Small plants, each, 15c, postpaid; two-year old plants, each, 35c, doz., \$3.00, by express, purchaser's expense.

BABY RAMBLER

Or Dwarf Crimson Rambler

This beautiful novelty produces clusters of flowers as large as the Old Crimson Rambler.
 Strong young pot plants, each, 15c; 2-year old field-grown plants, each, 50c, doz., \$5.00, postpaid.

U. S. GRANT, The Hardest Rose

Almost as hardy as an oak, blossoms freely the entire summer. Flowers are of enormous size, strong, well-rooted, young, growing plants, each, 25c, postpaid; two-year old dormant plants, by express, each, 50c, doz., \$5.00.



Wonderful New Rose, Baby Rambler

ALFRED COLOMB. Brilliant carmine crimson.
 AMERICAN BEAUTY. Large, rich rose crimson.
 ANNA DE DEISBACH. Brilliant rose color, pointed buds.
 BARON DE BONSTETTIN. Rich, velvety maroon; large, full.
 BARON ROTHSCHILD. Bright rosy pink, of immense size.
 CLIO. Delicate satin blush, with a light shading of rosy pink.
 COQUETTE DES ALPS. Pure white, slightly tinged with blush.
 DUKE OF EDINBURG. Bright scarlet crimson, shaded maroon.
 EARL OF DUFFERIN. Velvety crimson, shaded dark maroon.
 GEN. JACQUEMINOT. Rich velvety crimson.
 HARRISON'S YELLOW. Semi-double, golden yellow.
 JOHN HOPPER. Bright rose, with carmine center.
 MAGNA CHARTA. Rosy red, flushed violet crimson.
 MAD. GABRIEL LUZET. Clear coral rose suffused with lavender.
 MAD. PLANTIER. Very large, double, pure white.
 PIERRE NOTTING. Deep velvety crimson color.
 PERSIAN YELLOW. A very free bloomer, semi-double.
 MARSHALL P. WILDER. Bright scarlet crimson, shaded maroon.
 ULRICH BRUNER. Brilliant cherry red.
 MARGARET DICKSON. White, with pale flesh center.
 PAUL NEYRON. Deep, clear rose.
 MRS. JOHN LAING. Color soft rosy pink.
 PRINCE CAMILLE DE ROHAN. Dark velvety crimson.
 Strong, young, growing plants from our greenhouses, each, 10c, per doz., \$1.00, postpaid.
 Strong, 2-year old, dormant plants, each, 35c, postpaid; by express, per doz., \$3.00, per 100, \$20.00.



Empress of China Rose

Three Grand Carnations

The pick of the Carnation Family of the latest introduction, especially grown for winter flowering, strong, healthy plants, well-branched and set with flowering buds.

For customers who desire specimen plants, we have a limited supply of the following three varieties of Carnations which we can heartily recommend. These are large field-grown plants which were grown especially for exhibition purposes at the Minnesota State Fair. In order to secure space for our spring planting, we are obliged to dispose of same at the very lowest figures quoted below. Plant enthusiasts who are fortunate enough to obtain one plant or the collection will agree with us when we state that this is, undoubtedly, the biggest bargain in the history of their existence in the purchasing of plants of any sort. As our supply is limited and the demand great, we would suggest that you who are interested and desire to obtain large perfect specimens of the Carnation plant at a minor cost, should order at an early date as the first orders will receive the pick of the stock.

ENCHANTRESS: One of the most exquisite, delicate pinks of recent introduction. A very pleasing shade of light pink deepening toward the center. Born on long stiff stems; habit of plant strong and vigorous grower and a continuous bloomer. It is with pleasure that we call attention of all lovers of carnations to this variety.

LADY BOUNTIFUL: A most magnificent white. The flowers are a good size born on good stems and fragrance good.

BEACON: Brilliant scarlet flowers, very large, born on long stems, vigorous in habit, very free in bloom, considered by all the best scarlet ever introduced.

NOTICE: These plants are quoted by express at purchaser's expense only. Owing to the exceptionally large size of same it is impossible to send by mail.

PRICE: 25c each; or the three for 65c—one of each, by express.



Vegetable Seeds For Fall Planting

	Pkt.	oz. 1-4 oz. 1 lb.		Pkt.	oz. 1-4 oz. 1 lb.
BRUSSELS SPROUTS. Sow in August and September.			ONION.		
May's Exhibition.....	.10	.25 .75	Southport Red Globe.....	.05	.20 .60 2.00
CABBAGE, sow in September and winter in cold frame.			Yellow Globe Danvers.....	.05	.20 .50 1.75
Early Jersey Wakefield.....	.05	.20 .60 \$2.00	Michigan Yellow Globe.....	.05	.20 .60 2.00
Early Winnigstaad.....	.05	.25 .50 1.75	Southport Yellow Globe.....	.05	.20 .50 1.75
Premium Late Flat Dutch.....	.05	.45 .50 1.75	Mammoth Yellow Spanish, or Prize-taker.....	.05	.15 .40 1.50
Savoy, Improved American.....	.05	.45 .40 1.50	White Portugal, (American Silverskin) White Globe.....	.05	.25 .70 2.50
CAULIFLOWER. Sow in frames in September and October.			Queen, true.....	.05	.15 .40 1.50
Early Snowball.....	.15	1/4 oz. .75 \$2.00	RADISH. For autumn, sow in August; for winter, in September.		
Extra Early Dwarf Erfurt.....	.15	.75 2.00	Non Plus Ultra, or Early Deep Scarlet Turnip, Forcing.....	.05	.10 .25 .75
COLLARDS. Sow from Aug. to Oct.			Triumph, Scarlet Striped, Forcing.....	.05	.10 .20 .70
Georgia, Southern or Creole.....	.05	.10 .30	Early Scarlet Globe.....	.05	.10 .25 .75
ENDIVE. Sow in August.			Early Scarlet Turnip, White Tipped, forcing.....	.05	.10 .25 .75
Large Green Curled.....	.05	.15 .40 1.25	Early Deep Scarlet.....	.05	.10 .25 .75
KALE, or Borecole. Sow in August or September.			French Breakfast.....	.05	.10 .20 .70
Tall Green Curled Scotch.....	.05	.10 .25 .75	Crimson Giant Turnip.....	.05	.10 .25 .85
Dwarf Curled Scotch, or German Greens.....	.05	.10 .25 .75	Early Scarlet Turnip.....	.05	.10 .20 .70
LETTUCE. For winter, sow under glass from November to February.			Long Brightest Scarlet, White Tipped.....	.05	.10 .20 .70
CABBAGE, OR HEADING VARIETIES.			Early Long Scarlet, Short Top, improved.....	.05	.10 .20 .70
May King.....	.10	.25 .60 2.00	Long White Vienna, or Lady Finger Icele.....	.05	.10 .20 .70
Salamander.....	.05	.10 .30 1.00		.05	.10 .20 .75
Mammoth Black Seeded Butter.....	.05	.10 .30 1.00	WINTER VARIETIES.		
Deacon.....	.05	.10 .30 1.00	Black Spanish Long.....	.05	.10 .20 .70
Big Boston.....	.05	.15 .40 1.25	Black Spanish Round.....	.05	.10 .20 .70
Hanson.....	.05	.10 .25 .90	California White Mammoth.....	.05	.10 .20 .70
CURLED, OR LOOSE LEAVED VARIETIES.			China Round Scarlet.....	.05	.10 .20 .75
Grand Rapids.....	.05	.15 .40 1.25	SPINACH. Sow in Aug. and Sept.		
May's Early Prize Head.....	.05	.10 .25 .90	Victoria.....	.05	.10 .15 .40
Black Seeded Simpson.....	.05	.10 .25 .90	Long Standing.....	.05	.10 .15 .30
MUSHROOM SPAWN.			Round Thick Leaf.....	.05	.10 .15 .30
Pure Culture. Brick, (about 11 lbs.) postpaid, 40c, 5 bricks, by exp., \$1.20.			TURNIP.		
MUSTARD. Sow in August for fall use.			Extra Early Purple Top Milan.....	.05	.15 .25 .70
White English.....	.05	.10 .15 .40	Early Purple Top, Strap Leaved.....	.05	1.10 .15 .40
Southern Giant Curled.....	.05	.10 .20 .60	Purple Top, White Globe.....	.05	.10 .20 .50
			Seven Top.....	.05	.10 .20 .40
			RUTA BAGAS, OR SWEETS.		
			Monarch.....	.05	.10 .20 .40
			American.....	.05	.10 .20 .40
			Sweet German.....	.05	.10 .20 .40

CHOICE FLOWER SEEDS

FOR FALL PLANTING

Many hardy sorts of flower seeds succeed best if sown in the open border during August, September and October. Some hardy annuals, when sown late in the fall, will start earlier in the spring, and flower sooner than if sown in spring. Such hardy sorts as Columbine, Foxglove, Hollyhock, Pink, Sweet William, etc., that do not bloom until the second season, unless started very early in spring, are particularly recommended for fall planting. They should be sown early enough to make pretty good plants before very cold weather. Then they will flower freely the next summer. Our Flower Seeds are all procured from the best sources in Europe and America and are of the very highest quality

	PER PKT.		PER PKT.
AGERAMUM, Imperial Dwarf White.....	\$0.05	MIGNONETTE, seeds sown in fall bloom early in spring	
" Tom Thumb, Dwarf Blue.....	05	" Sweet.....	05
" Lasseauxi, rose colored.....	05	" Golden Queen, golden yellow, powerfully	
ALYSSUM, Sweet, Pure white.....	05	fragrant.....	05
" Little Gem, especially adapted for edging.....	10	" Machet, covers with massive spikes of	
CANDYTUFT, Rocket, (Giant Empress) white.....	05	red flowers.....	05
CARNATION, Double Red Grenadin.....	15	" Improved Machet, one of the finest	
" Extra choice double mixed.....	15	strains yet offered.....	10
" Marguerite, Many beautiful shades.....	05	" Ruby, bears an abundance of magnificent	
" Double Dwarf Vienna Mixed.....	10	coppery-red flower spikes.....	05
CENTAUREA, Gymnocarpa, silvery foliage.....	10	PHLOX DRUMMONDI, (Large Flowering)	
" Candidissima, silvery white, deeply cut		" Alba, pure white, very desirable.....	10
foliage, half hardy perennial.....	15	" Isabellina, creamy yellow.....	10
CHRYSANTHEMUM, Coronarium, double white.....	05	" Lilac, with white center.....	10
" Coronarium, double yellow.....	05	" Rosea, deep rose, with white eye.....	10
" Superb mixed double.....	25	" Scarlet, maroon center.....	10
COLUMBINE, Mixed double, hardy perennial, best and		" Splendens, crimson, pure white eye; one of the	
finest colors.....	05	finest of this strain.....	10
DAISY, Plants bloom well in the house		" Violet, deep violet blue with white eye.....	10
" Double Mixed.....	05	" Extra Choicest Mixed.....	05
" White.....	10	PINK, Double China, colors very rich.....	05
" Rose, known as LONGFELLOW.....	10	" Heddewig's Single Mixed.....	05
FORGET-ME-NOT, (Myosotis Alpestris), Hardy peren-		" Double Diadem.....	05
nial; blue.....	05	POPPY, Orientale, large, gorgeous scarlet bl ssooms; base	
FOXGLOVE, (Digitalis) Splendid mixed. Sow in fall.		of petals black.....	05
Hardy biennials or perennials.....	05	" The Shirley, numberless shades of colors.....	05
Mammoth, Mixed, (Digitalis Monstrosa).....	15	" Tulip Flowered, bright scarlet.....	05
HOLLYHOCK, Double, pure white, lemon yellow,		" Carnation, double white.....	05
pink, salmon, blood-red and deep		" mixed.....	05
rose, in separate colors.....	10	" Double White fringed, large, showy white	
" Double Choice Mixed.....	10	flowers.....	05
LARKSPUR, Double Dwarf Rocket, mixed.....	05	" Cardinal, double.....	05
" Formosum, rich blue.....	05	SWEET WILLIAM, hardy perennial; If sown in August	
LOVE IN A MIS, (Nigella) Damascena, fl. pl., double		will make fine plants for the summer following.....	
blue blossoms.....	05	" Fine Mixed.....	05
MATRICARIA EXIMIA GRANDIFLORA, fl. pl., (Double		" Mixed double, many colors.....	05
Feverfew) white, double flowers; desirable		VIOLA, Single mixed.....	10
for bedding.....	05	SWEET PEAS, all standard sorts.....	05

PANSY SEEDS FOR AUTUMN SOWING

To have the earliest flowers, Pansy seeds should be sown in the fall, any time from August to November. They are quite hardy and all the winter protection they need is a little brush or straw to keep the snow from pressing too heavily upon them. If you want Pansy blooms early in the spring, TRY THIS PLAN.



May's Gem Pansies

MAY'S GEM

Most Beautiful known

For extraordinary size of the flowers and their endless varieties of color, combined with perfection of form and velvety texture, this strain is undoubtedly the finest mixture of pansies in the world, all selected separate colors from the best German, French, English and American growers of pansies, mixed and blended by ourselves. We offer this special blend to pansy lovers with the full assurance that it is the best money can buy. Pkt., 100 seeds, 15c; Trade pkt., 1,000 seeds, 75c; 1-8 oz., \$1.00.

	PKT.
May's Royal, mixed.....	loc
English Show, mixed.....	loc
Giant Master Piece mix'd loc	
Giant Fancy mixed.....	loc
Madame Perret mixed.....	loc
Imperial mixed.....	05c

Giant Pansies

Seperate Colors

Adonis, blue, white center loc	
Auricula, netaic shades.....	5c
Beaconsfield, lavender.....	5c
Bronze, shades of bronze.....	5c
Bugnot, all colors.....	loc
Butterfly, mottled, sp'd. loc	
Cassiers, blotched.....	15c
Crown Prince, velvety	
black.....	5c
Dark Mahogany, mar-	
gined.....	loc
Deep Yellow, spotless.....	5c
Emperor William, navy	
blue.....	5c
Emp. Frederick, brown.....	5c
Empress Victoria, white loc	
Flery Face, rich scarlet.....	loc
Freya, purple, violet, mar-	
gin.....	loc
Gloriosa, reddish blue.....	loc
Giant White Spotted.....	loc
Light Blue, most delicate.....	5c
Odier, or Five Spotted.....	loc
Pres. Carnot, blotched.....	loc
Rubra, claret and scarlet.....	loc
Snow Queen, spotless white.	
.....	5c
Striped and Mottled.....	loc



Sand, or Winter Vetch

SAND, or WINTER VETCH

The earliest crop for cutting and plowing under in Spring, being nearly a month earlier than Crimson Clover, and a full crop can be taken off the land in time for planting Spring crops.

This Vetch is beyond doubt one of the most valuable fodder plants for the West and Northwestern States, owing to its adaptability to withstand severe drought, heat and cold.

A sowing made in August or September makes excellent fall pasture for sheep or hogs; the crop in 50 days being two feet high. After close eating it can be left to prevent soil washing during winter and early spring, thus effecting a great saving of soluble mineral fertilizers contained in the soil. The Department of Agriculture at Washington estimates the value of a plowed-under crop of this Vetch as equivalent to putting into the ground \$16 to \$45 worth of commercial fertilizer to the acre.

Sowings may be made in the Fall or Spring, using 30 lbs. of seed to the acre, either broadcast or in drills three feet apart. To get the best result from it sow about one-half bushel Rye or Oats with it, to furnish support for the vines. On good, rich soil it yields enormous crops of green fodder, running 10 to 15 tons to the acre. It is also a remarkable grower on sandy or thin land. **Lb., 25c, postpaid. By express or freight, 10 lbs., \$1.50, 50 lbs., \$6.00.**

RAPE, DWARF ESSEX

GREATEST PASTURE FOOD KNOWN for sheep, hogs and calves. Fall sowing recommended.

Dwarf Essex Rape has been usually grown, until recent years, to furnish pasture for sheep and lambs, but it is now being found equally good in providing pasture for nearly all kinds of stock.

Sow in drills at the rate of 3 lbs. to the acre or broadcast using 4 to 6 lbs. per acre. **Price, lb., 25c, postpaid. By express or freight, 10 lbs., \$1.00, 100 lbs., \$7.50.**

Wild Rice Can be sown either in the fall or spring, but the best results are obtained when sown in the fall. **Lb., 25c, postpaid. By express or freight, 10 lbs., \$1.60, 100 lbs., \$15.00.**

Perennial Onion Sets

This variety never forms a large bulb, their value lies wholly in special adaptability for producing green onions for spring use. Hardy and productive. If left in the ground they continue for an indefinite time, continuing to increase from the bottom and form sets produced on top of the stalks. Sets should be planted in the fall, as they thus gain the benefit of prolonged growth, and attain a larger size. **Price for fall delivery: Qt., 25c, postpaid. By express or freight, at purchaser's expense, pk., 60c, bu., \$2.00.**

Bowker's Plant Food

A dressing made expressly for plants grown in the house, garden or conservatory; clean, odorless, and producing early and abundant blossoms, healthy, luxuriant plants. One small package is enough for thirty plants for three months. **Small packages, 25c, large packages, 45c, postpaid.**



Fife Winter Wheat

WINTER WHEAT

BEARDED FIFE. The Hardest, Most Prolific and Best Milling Wheat known. Acknowledged by all winter wheat growers and the different Experimental Stations as one of the best varieties ever introduced. It is perfectly hardy, withstands the extremes of our Northern climate, and does not freeze out or winter kill. Yields from 45 to 55 bushels per acre, the straw is strong and stiff and stands well, large heads, well filled, kernels red with a very thin husk, hard and flinty. **Matures very early. Price, lb., 25c, postpaid. By freight or express, pk., 60c, bu., \$2.25**

Klondyke Winter Wheat

A new variety that is creating quite a sensation with a record of 45 bushels or more per acre for three consecutive seasons. The heads are not very large, which makes it possible for the straw to stand up even under adverse conditions, but it "stools" to a remarkable extent, and this accounts for the heavy yield. The kernel is very large size, firm and white. **Lb., 25c, postpaid. By freight or express, pk., 75c, bu., \$2.50**

"MINNESOTA NO. 2 RYE"

Minnesota No. 2 Rye was originated from a stock of Swedish rye obtained by the Minnesota Experiment Station.

It is a hardy winter rye suitable for all sections of the state and has proven itself the superior of all varieties grown at University Farm for a number of years. The average yield on the large fields at University Farm in 1908 was 41½ bushels per acre, though one field averaged 48 bushels per acre. The average yield for the past ten years has been 40.5 bushels per acre.

This rye should be sown about the 15th of September at the rate of from 1½ to 2 bushels per acre. It may be harvested about the 10th to the 20th of July. This variety stools enormously, so that the yield per plant is very high, straw grows straight and stiff, and is not subject to lodging or rust. The plant stands from 4 to 4½ feet tall, heads average 4 inches in length, being about one third longer than those of the ordinary rye. The kernels are exceptionally large and plump. Care should be used in seeding the rye that a sufficient quantity be sown per acre. **Lb., 20c. By express or freight, pk., 60c., bu., \$2.00**

Winter Rye Is a valuable crop for either soiling, green fodder, straw or grain. It is also extensively used for fall pasture when sown early and for cutting green in late spring and early summer, but when wanted for cutting it is best sown with the sand or winter vetch. **Price, lb., 20c, postpaid. By express or freight, pk., 40., bu., \$1.75, 10 bu., \$15.00**

MUSHROOM SPAWN

One brick sufficient for about one square yard.
PURE CULTURE SPAWN

Made in the United States by improved methods, and is much more reliable. In fact, it has attained such remarkable success that it is rapidly taking the place of English Spawn amongst the larger growers. It is sent out under our guarantee to grow, if cultural instructions are followed.

Price per brick by mail, postpaid, 40c. By express, not prepaid, 5 bricks, \$1.20, 10 bricks, \$2.00, 25 bricks, \$4.25.

Write for our booklet on **MUSHROOM GROWING**, it will be sent free to customers on request.



Rape, Dwarf Essex

May's Special Mixtures of Clovers and Grasses

Suitable for all Soils



These Clover Grass Mixtures are selected with the greatest of care and composed of such varieties as are best adapted for different kinds of soil and various purposes. From our own experience, as well as from the experience gained by corresponding with our customers in every part of the country, we are enabled to select in these Clover Grass Mixtures not only the varieties that are suited to the soil, but have them in the right proportion in each mixture. In every instance we mention the quantities which we recommend to be sown per acre and not only have these proven to be sufficient in our own experiments carried on during several years, but they have proven to be equally successful and sufficient with our patrons.

NOTICE: It is difficult to overestimate the importance to the farmer of a good selection and proper mixture of clover and grass seeds for **Permanent Pastures** or for **Hay**. The above mixtures are correct. We can make up lower priced mixtures if desired, but we advise don't let the price of a few cents stand in the way of your getting the **Best**.

Grass and Clover Mixture

For Hay and Permanent Pastures. No. 0

Our Star Brand mixture of grasses and clover yields a very heavy crop of the finest and most succulent hay early in the season, and after same is cut, continuous and abundant pasturage until winter sets in. It will stand for years, and may be used either for pasturage exclusively, or hay and pasturage, and will give satisfactory results, both when sown on dry sandy soil, or on moist meadow lands. It is made up of **native and foreign grasses and clover** combined in proper proportions to insure the **best** results, from years of practical experience. We recommend using at least 25 lbs. of this mixture per acre. **Price, 25 lbs. \$3.50, 100 lbs. \$13.50**

Our Special Mixtures for Hay

No. 1—For moist ground and rich soils. Sow 18 lbs. per acre. Meadow Foxtail, Italian Rye Grass, Sweet Vernal, Meadow Fescue, Timothy, Alsike, Tall Meadow Oat Grass.

No. 2—For moist ground which is occasionally overflowed. Sow 16 lbs. per acre. Tall Fescue, Red Top, Timothy, Meadow Foxtail, Alsike.

No. 3—For high and dry ground, light or medium soils. Sow 20 pounds per acre. Red Fescue, Timothy, Red Clover, Crested Dogtail, Sweet Vernal, Lucerne, Hard Fescue.

No. 4—For high or dry ground, heavy or strong soil. Sow 20 lbs. per acre. Tall Meadow Oat Grass, Sweet Vernal, Timothy, Hard Fescue, Red Top, Red Clover, Meadow Fescue, English Rye Grass, Alsike.

Our Mixture for Permanent Pasture

No. 10—To improve pastures by top seeding, or for low, rich, marshy ground. Sow 10 lbs. per acre. Fowl Meadow, Tall Fescue, Creeping Bent, Red Top, Alsike.

No. 11—For top seeding for wood pastures, orchards and other shady places. Sow 10 lbs. per acre. Tall Meadow Oat Grass, Sweet Vernal, Timothy, Orchard Grass, White Clover, Meadow Foxtail, Blue Grass, Alsike.

No. 12—For sheep pastures on light sandy soils, or dry uplands and hillsides. Sow 22 lbs. per acre. Sheep's Fescue, Crested Dogtail, Sweet Vernal, Hard Fescue, White Clover.

Prices for any of the 7 Mixtures

per lb. 25c, postpaid; 20 lbs. for \$2.50, 100 lbs. \$10.00. by express or freight.

May's Famous Hog Pasture Mixtures

No. 1 Hog pasture, Clover Grass Mixture for quick results and a full crop the first year. When sown early in the spring the heavy growth of the grasses and clover will furnish a fine pasture throughout the summer. By careful experiments we find that **Crimson Clover**, in the right proportion, used with other grasses, is well adapted to this mixture. **Mammoth Clover**, **English Rye**, **Italian Rye**, **Crimson Clover**, **Tall Meadow Oat**. Sow 15 lbs. per acre. 10 lbs. \$1.15, 25 lbs. \$2.75, 50 lbs. \$5.25, 100 lbs. \$10.00. By express or freight.

Results are Satisfactory to the Farmer as well as Mr. Hog



Early Ohio

This trucker's favorite is short, thick, round-oblong potato. Color dull red. Matures a week sooner than Early Rose; not recommended for light or sandy land. Flesh solid, good flavor and mealy. Its earliness and the fact that it is mealy when partially grown, makes it a great favorite. **Lb. 25c, pk. 40c, bu. \$1.40, bbl. (2 3-4 bu.) \$3.50.**

In this valuable variety we have found the acme of perfection in potato growing. It has been thoroughly tested under the most adverse circumstances. Planted May 10th, last season good, large potatoes were dug July 20th, 79 days from time of planting.

It is wonderfully prolific From 1 1/4 acres planted in ordinary good potato soil without fertilizers or any other ordinary cultivation we harvested 552 bushels of good sized potatoes.

DO NOT WRITE IN THIS SPACE

ORDER SHEET

FOR

L. L. MAY & CO.

ST. PAUL, MINN.

Bulbs, Plants, Seeds, Etc.

NO GOODS SENT C. O. D.

No. _____
Date Rec'd _____
Filled By _____
Date Shipped _____
Name _____
Post Office _____
County _____ State _____
P. O. Box _____ R. F. D. _____
Express or
Freight Office { _____

AMOUNT ENCLOSED.

\$ _____

Date _____ 190

NUMBER or
QUANTITY

ARTICLES WANTED

PRICE

Dollars Cts

OVER

[illegible]



Alfalfa

MAY'S HIGH GRADE EXTRA CLEANED Grass and Clover Seeds

OUR SPECIAL STAR BRAND means that the seed sold under that brand is the BEST OBTAINABLE, both as respects purity and high germination. We not only use great care in securing good seed, but make critical germination tests before any seeds are sent out. By this method we know exactly as to the vitality of the seed we supply, and make sure it is of strong growth, pure and clean, plump, heavy and well ripened, so as to insure a good stand, and free from noxious and foreign seeds.

Market Changes The market value of Grass and Clover Seeds is constantly changing; should you wish to purchase a quantity, or should any item appear high, write for samples and special prices, or we will fill orders at lowest market price, as it is our intention to meet the competition of all reliable firms.

At pound prices, we send by mail, postpaid. In larger quantities the prices are for seed sent by express or freight (sack included) at purchaser's expense.

Medium Red Clover	Star lb. 40c	100 lbs. \$23.00
Choice "	38c	" 21.00
Mammoth "	Star " 40c	" 23.00
Choice "	38c	" 21.00
Alfalfa	Star " 35c	" 21.00
Choice "	30c	" 19.00
Alsike	Star " 30c	" 20.00
Choice "	28c	" 19.50
White	Star " 40c	" 35.00
Choice "	38c	" 32.00
Timothy	Star " 35c	" 18.00
Choice "	30c	" 17.00
Ky. Blue Grass	Star " 40c	" 30.00
Choice "	30c	" 28.00
Red Top Fancy, Solid	Star " 40c	" 19.00
Unhulled Seed	Choice " 30c	" 18.50
Bromus Inermus	Star " 25c	" 12.00
Choice "	25c	" 10.00
15 lbs. Bromus Inermus is enough for one acre.		
	1/4 bu. \$3.00	bu. \$9.00
	Choice " 2.75	" 8.25
	Star " 1.25	" 4.50
	Choice " 1.15	" 4.25
	Star " 2.25	" 8.25
	Choice " 2.15	" 8.15
	15 lbs. 2.25	" 12.00
	Choice " 1.75	" 10.00



Crimson Clover

LAWN GRASS MIXTURES

Central Park Mixture For lawns of any extent we recommend this as our best mixture. One quart will sow 300 square feet; four to five bushels will sow one acre. Quart, 20c; Peck, \$1.00; Bu., (15 pounds) \$3.00.

Shady Nook Mixture In many lawns where there are large shade trees there are shady places where ordinary mixtures thrive but poorly or die out altogether. For such spots we have a special mixture of grasses, which will grow in the shade as well as in the sun. If you have shady, barren places in your lawn, try our Shady Nook Mixture. Quart, 30c; Peck, \$1.40; Bu., (15 pounds) \$5.00.

PRICES on grass by the quart include prepayment of postage by us. Pecks and bushels are sent by express or freight at purchaser's expense.

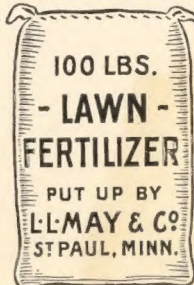
HOW TO MAKE AND CARE FOR A LAWN. This useful leaflet will be mailed free to all who ask for it when ordering.

CRIMSON CLOVER. (*Trifolium Incarnatum*.) The most valuable plant for restoring the fertility of worn-out soils.

All lands from which crops have been harvested during the summer and fall should be sown with Crimson Clover, for plowing under the following spring. Plowing under a good crop of Clover is equivalent to 20 tons of stable manure per acre, and even if the Clover be harvested or pastured, the benefits derived from the wonderful nitrogenous root formation will alone many times repay the cost of seed and labor. The best time to sow the seed is in August, September and October. Sow 12 to 15 pounds to the acre. 1 lb. 35c; peck \$3.75; bu., \$12.00; 100 lbs., \$18.00.

Lawn Fertilizers "MAY'S ODERLESS"

A perfect dressing for lawns, rendering them green, thrifty and luxuriant throughout the entire season; It is odorless, so that it may be applied by any one at any time without the least offense.



5 lbs., 25c; 10 lbs., 45c; 25 lbs., 90c; 50 lbs., \$1.75; 100 lbs., \$3.00



Poultry Supplies

We carry a full and complete line of poultry supplies of every description. Our foods are put up with the greatest care, in the right proportions, and sold as cheap as reliable goods can be.



CHICK FOOD. A perfect food for young growing chicks. 50 lbs., \$1.75; 100 lbs., \$3.00

BEEF SCRAPS. Makes chicks strong and healthy. 50 lbs., \$1.60; 100 lbs., \$3.00.

GROUND BONE. The chick's friend. 10 lbs., 35c; 25 lbs., 75c; 50 lbs., \$1.25; 100 lbs., \$2.25.

FORCING FOOD. For broilers and roasters 50 lbs., \$1.50; 100, \$2.50.

LAYING FOOD. A balanced ration for the daily mash. 50 lbs., \$1.50; 100 lbs., \$2.50.

ALFALFA MEAL. Among green foods the clovers stand at the top. Can be fed with mash or dry. Directions for feeding in each bag. 50 lbs., \$1.00; 100 lbs., \$1.75.

CRUSHED SHELLS. Put up in right size for hens. 25 lbs., 35c; 50 lbs., 50c; 100 lbs., 75c.

COMPLETE GRIT. In order to make the business pay, a first-class grit must be used. We supply three sizes, containing all the essentials for a perfect grit.

No. 3. For Brooder chicks. No. 1. For hens.

No. 2. For half-grown chicks, turkeys, ducks, geese, etc. 25 lbs., 35c; 50 lbs, 50c; 100 lbs., 75c.

MAY'S AUTUMN CATALOGUE 1911



BOSTON FERN

EASY
CULTURE
& RAPID
GROWTH
GRACEFUL &
ORNAMENTAL
SUPERSEDING ALL
OTHER VARIETIES. ITS
LONG DROOPING FRONDS OF-
TEN ATTAIN A LENGTH
OF FIVE OR SIX FT. IN A
SINGLE YEAR. PRICES BY
EXPRESS, SPECIMEN PLANTS
FROM 6 IN. POTS \$1.00 TO \$1.50
EACH. GROWN IN 3 IN. POTS
50¢ EACH POST PAID. GROWN
IN 2½ IN. POTS 25¢ EACH.

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